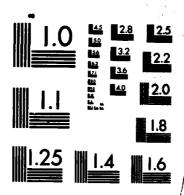
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NCS TIB 85-10



NATIONAL COMMUNICATIONS SYSTEM

AD-A164 434

VOLUME III

TEST DATA

ELECTROMAGNETIC PULSE TESTING

OF PROTECTION DEVICES

SECTION 3

LOW IMPEDANCE/HIGH VOLTAGE
TEST
5 OHMS - 4500 VOLTS - 1000 AMPS

UTIC FILE COPY

OCTOBER 1985

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1a REPORT SECURITY CLASSIFICATION Unclassified	16 RESTRICTIVE MARKINGS
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6a NAME OF PERFORMING ORGANIZATION Electrospace Systems, Inc. (If applicable)	National Communications System Technology & Standards
6c. ADDRESS (City, State, and ZIP Code) 1725 S. Jefferson Davis Hwy., Suite 501 Arlington, VA 22202-0668	7b. ADDRESS (City, State, and ZIP Code) Washington, D.C. 20305-2010
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11. TITLE (Include Security Classification) Volume III	331 27K D) 6 dRD1 DOOS
12. PERSONAL AUTHOR(S) 3nnis Bodson, NCS: Joseph Frizzell and Thomas 13DTYPE OF REPORT 13b. TIME COVERED FROM TO 16. SUPPLEMENTARY NOTATION	3. Lw Injedone Heel Vallage Tist Sorins-4500 Volts - 1000 Apps Higdon (FSI): Walter Rabke (Consultant) 14 DATE OF REPORT (Year, Month, Day) 1985. October. 31
, PC	
FIELD GROUP SUB-GROUP Amateur Radio E magnetic Pulse Transient Elec	Continue on reverse if necessary and identify by block number) Equipment EMP, Lightning Protection, Electro- (EMP) Protection Devices Test, EMP, Lightning, etrical/Magnetic Pulses.
19. ABSTRACT (Continue on reverse if necessary and identify by block of This technical report discusses the vulnerabil operators in the United States to disruption of such as lightning, voltage surges, and electrothe results of two test programs; one to evaluate of components, and one to evaluate the response of environment.	ity of equipment used by amateur/MARS radio r damage by transient electromagnetic effects magnetic pulse (EMP) waves. It also reports ate existing transient suppression devices and
Based on the test results, the report recommer scheme which will significantly increase the communications equipment in a lightning or EMI This report consists of three volumes. Volume	perational survivability of amateur type environment. I (200 pages) contains the test results and
recommendations for transient protection of am	21 ABSTRACT SECURITY CLASSIFICATION
SAME AS RPT. DTIC USERS	Unclassified
22a NAME OF RESPONSIBLE INDIVIDUAL Dennis Bodson	22b TELEPHONE (Include Area Code) 22c OFFICE SYMBOL (202) 692-2124 NCS/TS

DD FORM 1473, 84 MAR

83 APR edition may be used until exhausted. All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE

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Block 19 Continued - ABSTRACT (136 pages) contains supporting documentation including: the test plans for the two EMP tests, descriptions/specifications of the tested transient suppression devices and the amateur radio equipment, and photographs of the test facilities and test set-ups. Volume III (1298 pages) contains the raw test data in the form of oscilloscope photographs attached to the test data sheets for both test programs, as well as, written test descriptions and bench check measurements from the equipment test program. For most purposes Volume I should provide sufficient information. Volume II would be required to obtain more detailed descriptions of the test programs and tested devices and equipment. Yolume III would only be required if a separate analysis of the test data is being made.

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NCS TECHNICAL INFORMATION BULLETIN 85-10

ELECTROMAGNETIC FULSE/TRANSIENT THREAT TESTING OF PROTECTION DEVICES FOR AMATEUR/MILITARY AFFILIATE RADIO SYSTEM EQUIPMENT

OUTOBER 1925

FROJECT OFFICER

DENNIS BODSON
Senior Electronics Engineer
Office of Technology
and Standards

APPROVED FOR PUBLICATION:

MARSHALL L. CAIN
Assistant Manager
Office of Technology
and Standards

FOREWORD

The National Communications System (NCS) is an organization of the Federal government whose membership is comprised of 22 Government entities. Its mission is to assist the Fresident, National Security Council, Office of Science and Technology Folicy, and Office of Management and Budget in:

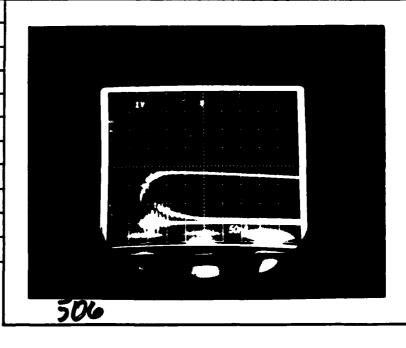
- o The exercise of their wartime and non-wartime emergency functions, and their planning and oversight responsibilities.
- The coordination of the planning for and provision of National Security/Emergency Freparedness communications for the Federal government under all circumstances including crisis or emergency.

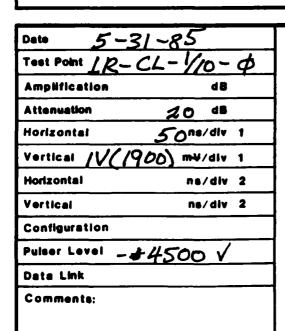
In support of this mission the NCS has executed a Memorandum of Understanding with the American Radio Relay League. Its purpose is to establish a broad framework for a cooperative and close working relationship with volunteer radio amateurs for support of national emergency communications functions. It is intended through joint coordination and exercise of the resources of both organizations, to enhance the nation-wide posture of telecommunications readiness for any conceivable national emergency. This particular Technical Information Bulletin is one of a series aimed at developing an awareness in the radio amateur community of practical, low cost EMP protective procedures, devices, and equipment which may if utilized significantly enhance the probability of amateur radio resources escaping serious damage during emergency situations involving EMP events.

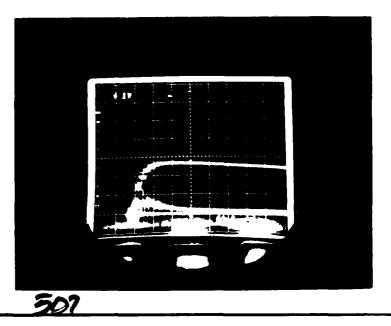
Comments, on this TIB are welcome, and should be addressed to:

Office of the Manager National Communications System ATTN: NCS-TS Washington, DC 20305-2010 (202) 692-2124

Date 5	-31-85
	-CL- 1/10- ¢
Amplification	dS
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical /V	(1900) mydly 1
Horizontal	na/div 2
Vertical	hs/div 2
Configuration	
Pulser Level	+4500 V
Data Link	
Comments:	506

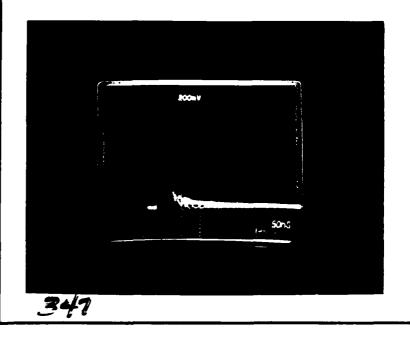




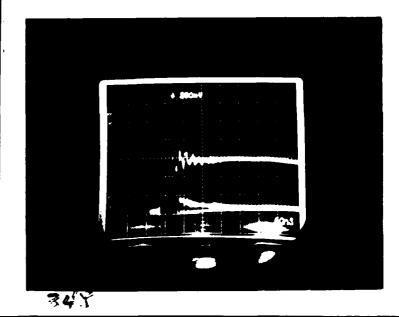


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Attenuation	20 48
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Vertical . 2V (48	OV) merdin 1
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Vertical	ne/div 2
Configuration	
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Date 5-29-	85	
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Amplification	Ods	
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Vertical AV (480V	mW/dlv 1	
Horizontal	ns/div 2	
Vertical	ns/dlv 2	
Configuration		
Pulser Level 450	20V	
Data Link		
Comments:	30	
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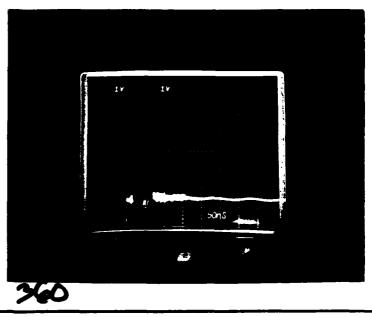


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Amplification	48
Attenuation	20 dB
Horizontal 50	ne/div 1
Vertical N (1900)	') m¥7div 1
Horizontal	ne/div 2
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Configuration	
Pulser Level + 45	00 V
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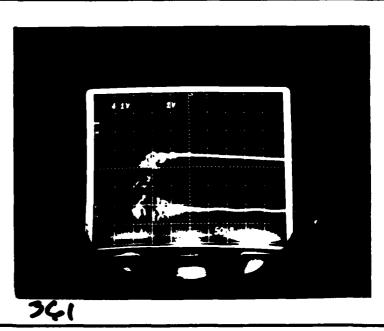
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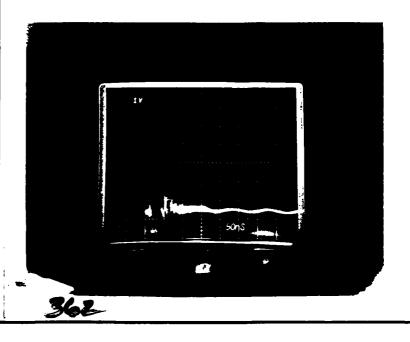
Vo = 0.786V

Date 5-29-85
Test Point #R-CL-1/10-A 48 Amplification dB Attenuation Horizontal ns/dlv 1 Vertical mV/div Horizontal ns/dlv 2 Vertical ns/dlv Configuration -4500\ Pulser Level Date Link Comments:



Vo = 0.786V

5-29-85 Dete Test Point 4 -Ch-1/10-B dB **AmpHfication** Attenuetion d B 20 Horizontal ns/div Vertical 19000 mV/div 1 Horizontal ns/div 2 Vertical 2 ns/dlv Configuration Pulser Level Data Link Comments:



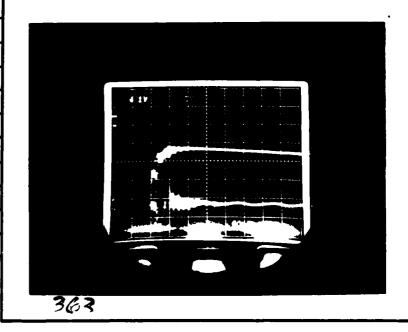


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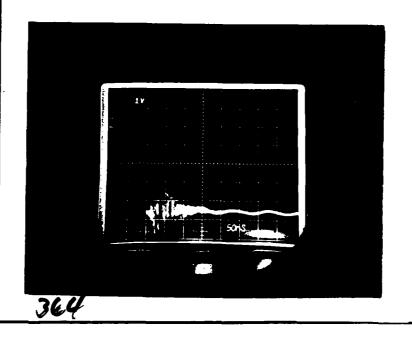
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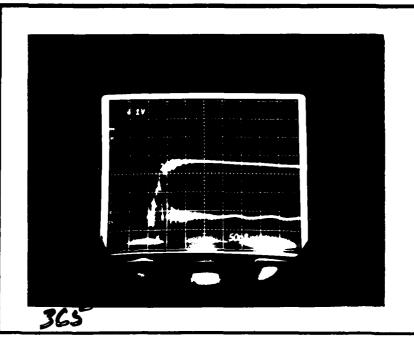
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Test Point 4R	CL -410-B
Amplification	dB
Attenuation	204
Horizontal	50 ne/div 1
Vertical IV(19	00V)mV/dIV 1
Horizontal	ne/dlv 2
Vertical	ne/div 2
Configuration	
Pulser Level	4500/
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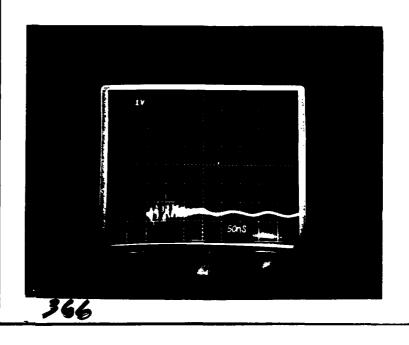
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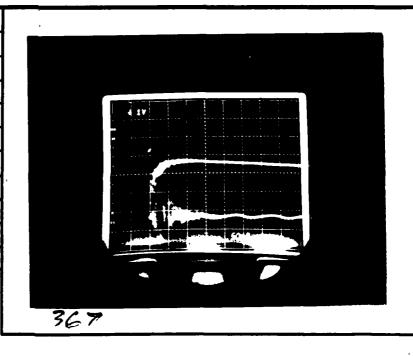
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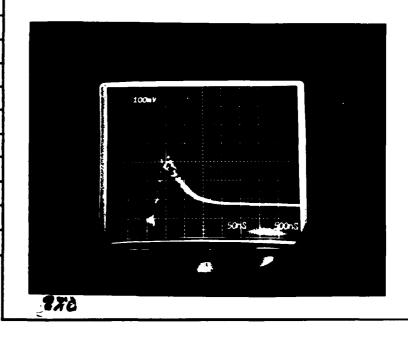
Date Test Point 5R-CL -1/10-B Amplification 20 dB Attenuation 50 ne/dlv 1 Horizontal Vertical mV/div 1 Horizontal ns/div 2 Vertical ns/dlv 2 Configuration 4500V Pulser Level Data Link Comments:



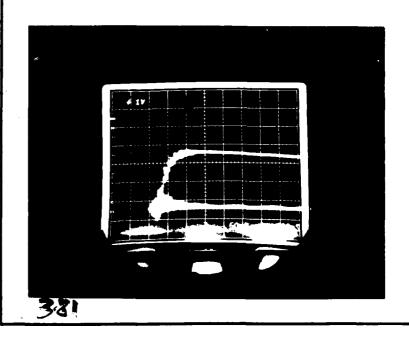
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Attenuation 20 dB

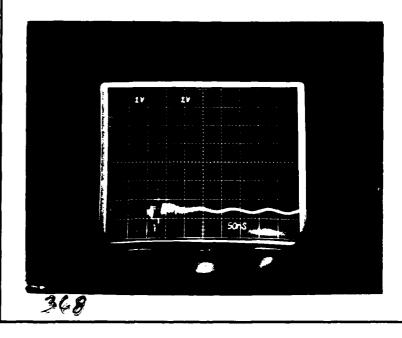
Horizontal 50 ne/div 1
Vertical /////////////////////
Vertical ne/div 2
Vertical ne/div 2
Configuration
Pulser Level #500V
Data Link
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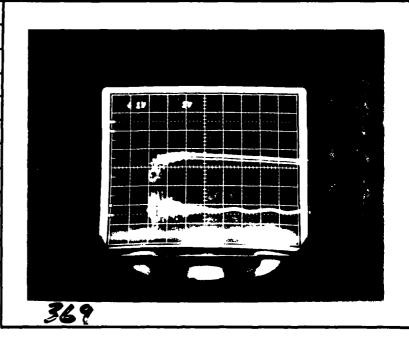
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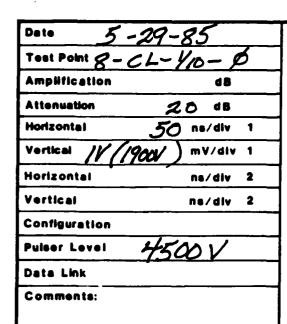


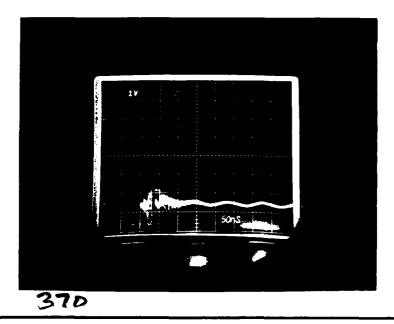
Date 5-3	29-85
	CL-1/10-6
Amplification	dB
Attenuation	20 dB
Horizontal	.50 ne/dlv 1
Vertical // (190	20V) #4/div 1
Horizontal	ne/dlv 2
Vertical	ns/div 2
Configuration	
Pulser Level 4	500V
Data Link	
Comments:	



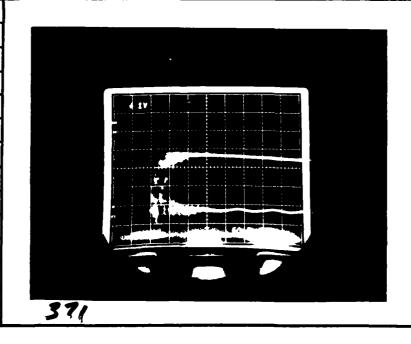
Date 5-2	9-85
Test Point 7R-C	4-410-6
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical /V(19	00V)-mv/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level 4	500V
Data Link	
Comments:	



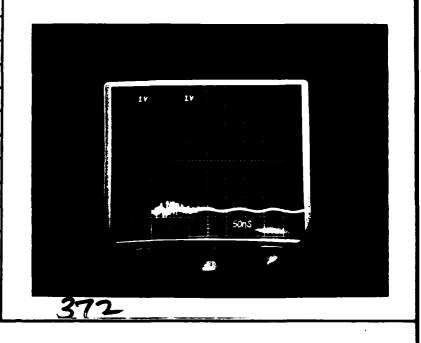


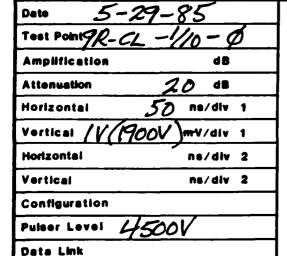


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Test Point & R - C	L-110-6
Amplification	dB
Attenuation	20 48
Horizontal	50 ne/dlv 1
Vertical /V//9	00V)mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level 4	500 V
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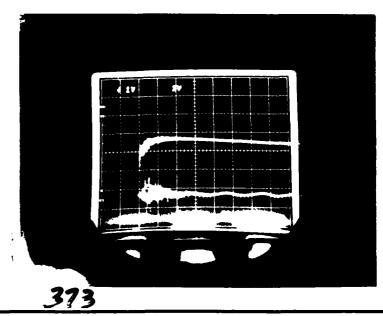


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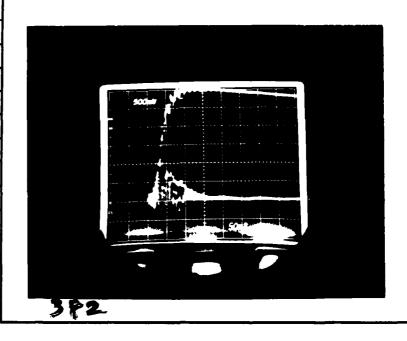




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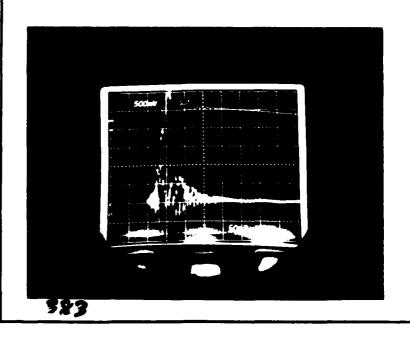
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Test Point //-CL -	-1/10-A
Amplification	O dB
Attenuation	20 dB
Horizontal 50	ne/div 1
Vertical . 5V(950V)	at/div 1
Horizontal	ns/dlv 2
Vertical	ns/div 2
Configuration	
Pulser Level + 45	20
Data Link	
Comments:	382





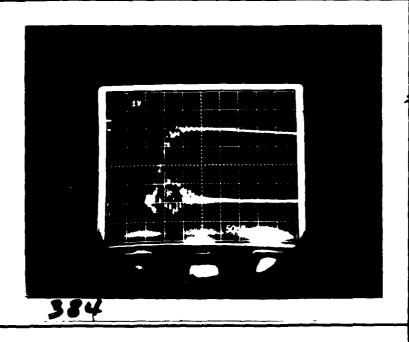
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Attenuation	20 dB
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Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level _ 4	500
Data Link	
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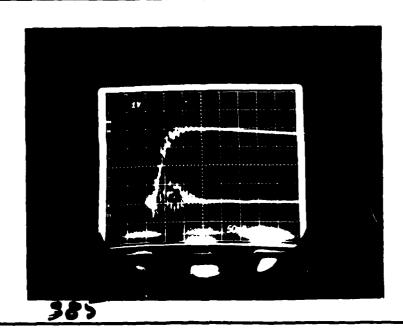


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ne/div 2
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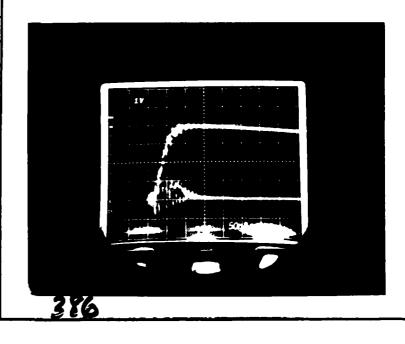


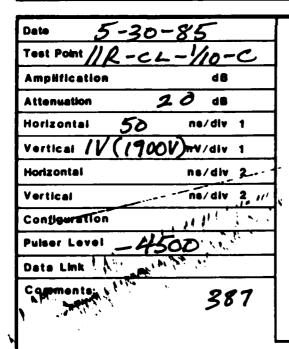


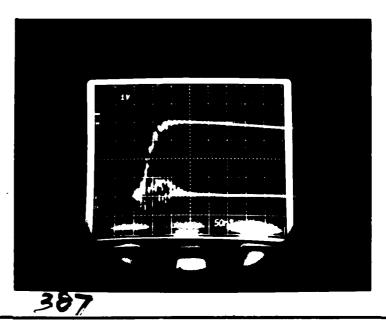
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		100V)+Y/dlv 1
X	Horizontal	ns/div 2
E .	Vertical	ns/div 2
	Configuration	
		4500
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	Test Point //R-C	L-/10-B
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	Vertical /V(196	00V) mV/div 1
	Horizontal	ns/div 2
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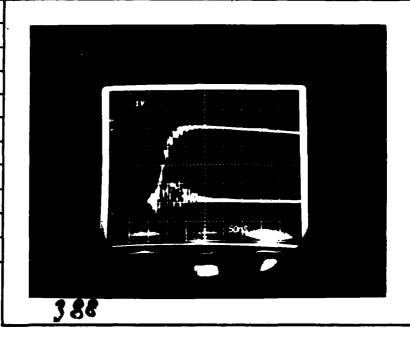
Date 5-3	0-85
Test Point //- C.	L-1/10-C
Amplification	dB
Attenuation	20 dB
Horizontal 5	O ne/div 1
Vertical N(19	00V) my div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level + 4	1500
Data Link	
Comments:	386

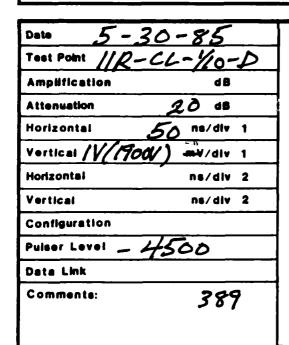




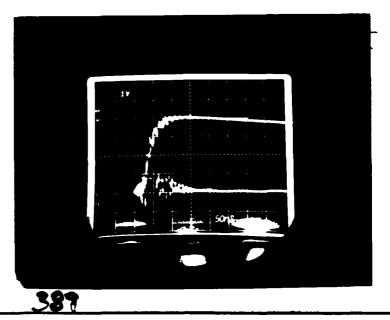


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Date 5-3 Test Point // -0	:L-1/10-D
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical /V (190	00/) #W/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500
Data Link	,
Comments:	388



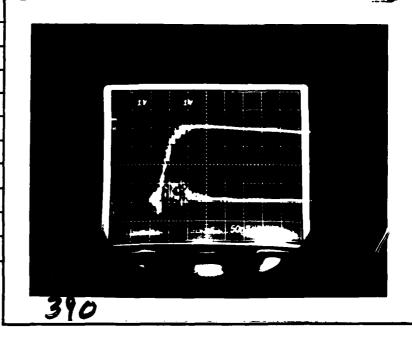


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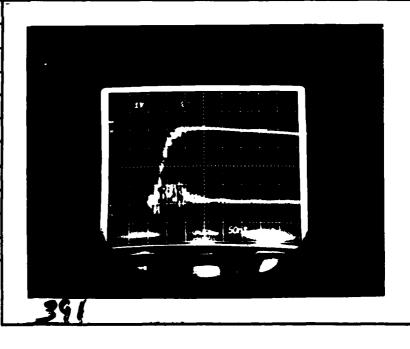


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Test Point //-	-30-85 -CL-1/10-E
Amplification	48
Attenuation	20 dB
Horizontal	50 ns/div 1
Vertical	mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	390

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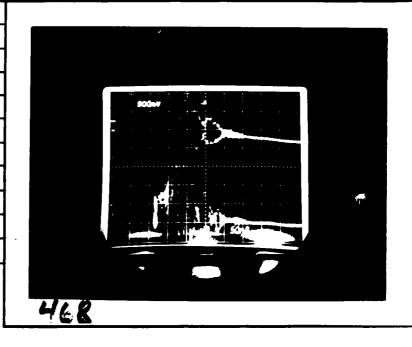


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Test Point //R-	10-85 -CL-1/10-E
Amplification	dB
Attenuation	20 ds
Horizontal	50 ne/dlv 1
Vertical	mV/div 1
Horizontal	ne/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level	4500V
Data Link	
Comments:	391



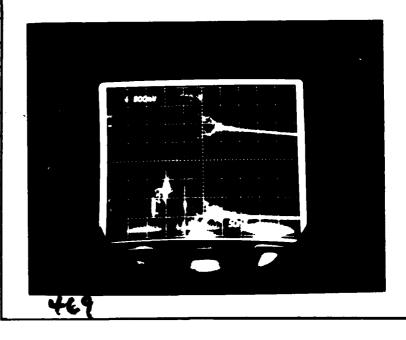
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O 48	Amplification
20 dB	Attenuation
ne/dlv 1	Horizontal
-mV∕ dlv 1	Vertical .5V(9)
ne/div 2	Horizontal
ns/div 2	Vertical
	Configuration
500 V	Pulcer Level
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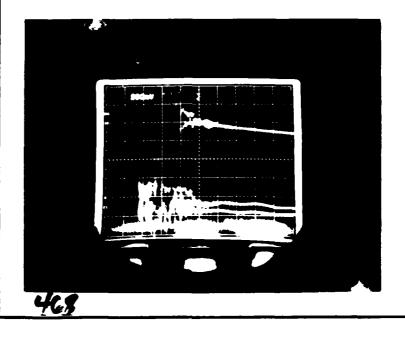
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Test Point /2-CL Amplification Attenuation Horizontal	
Amplification Attenuation Horizontal	48 20 dB
Horizontal 5	
	A se/div 1
Vertical . 5/(1900)	/) mV /div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	- -
Pulser Level + 44	500V
Data Link	
Comments:	468

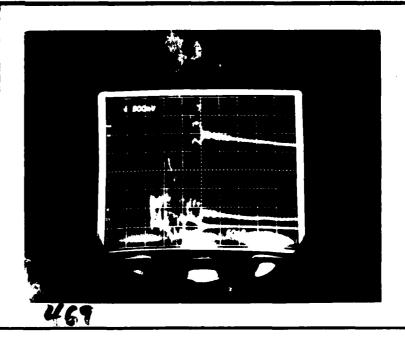
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5-30-85 12R-CL-1/10-0 Date Test Point Amplification 46 Attenuation Horizontal ne/dlv 1 Vertical . 5V 1900V Horizontal ns/div 2 Vertical ne/div 2 Configuration Pulser Level Data Link 469 Comments: "HOT" LEAD



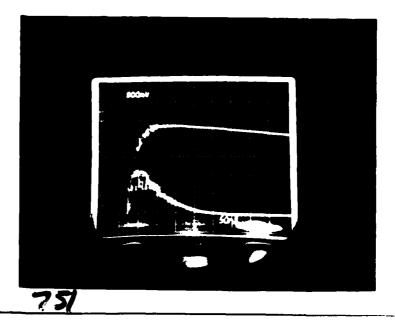
6-4-85 Date Test Point 13-CL-1/10- 0 Amplification Attenuetion 20 48 50 ne/dly Horizontal Vertical .5V (950 mV/dlv 1 Horizontal ns/div Vertical ns/dly Configuration + 4500V Pulser Level Deta Link Comments: 750

730

WHITE LEAD TO 1



20 d8 50 ne/div 1 50) mv/div 1
50 ne/div 1
50 ne/div 1
50) mV/div 1
-
-
ns/div 2
ns/div 2
1500 V
2.5

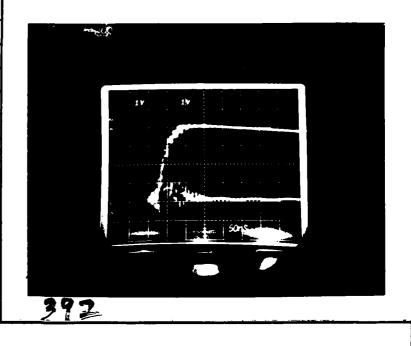


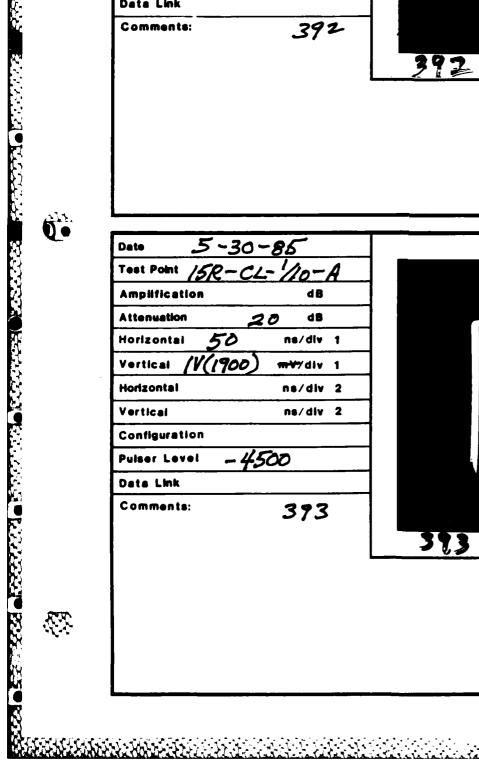


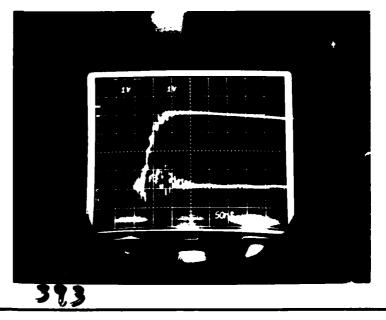
BLACK LEAD TO I GND

Date 5-30-	85
Test Point 15-CL-	
Amplification	dB
Attenuation	SO dB
Horizontal 50	ne/div 1
Vertical <i>N</i> (1900)	₩/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level + 450	00
Data Link	
Comments:	392

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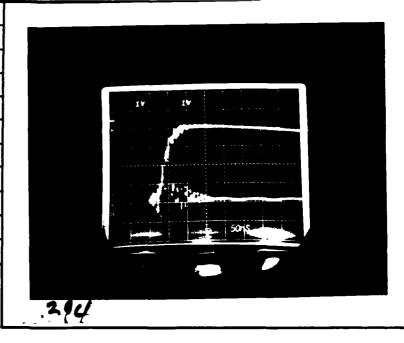




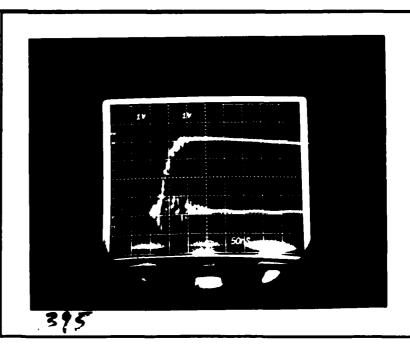


Date 5-3	30-85
Test Point 15 -	CL-1/10-B
Amplification	d 8
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical N(19	900V) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500
Data Link	
Comments:	394
	- , ,

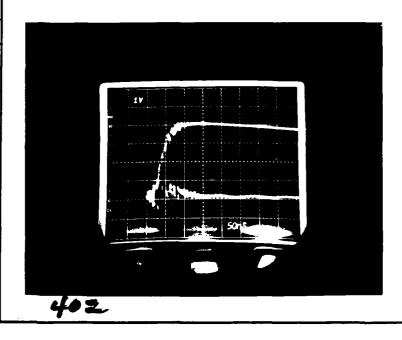
(<u>•</u>

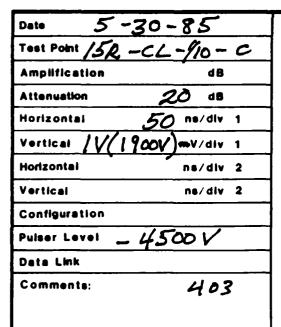


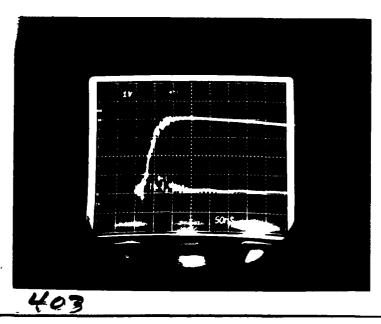
Date 5-3	30 -8S
Test Point 15R-	CL-1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/dlv 1
Vertical /V(196	00Y) mV/dlv 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	-
Pulser Level	4500
Data Link	
Comments:	395



Date 5-	30 - 85
Test Point 15	-CL-1/10-C
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical // //	700V mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	<u>-</u>
Pulser Level	4500 V
Data Link	
Comments:	402

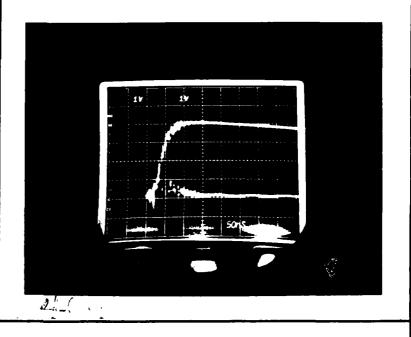






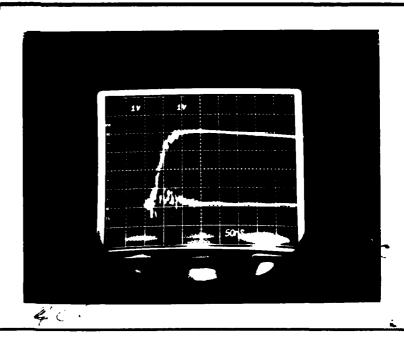


Date 5-38	-85
Test Point 15-CL	
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/dlv 1
Vertical N(1900V) mV/div 1
Horizontal	na/div 2
Vertical	ns/div 2
Configuration	
Pulser Level 43	500 V
Data Link	
Comments:	404

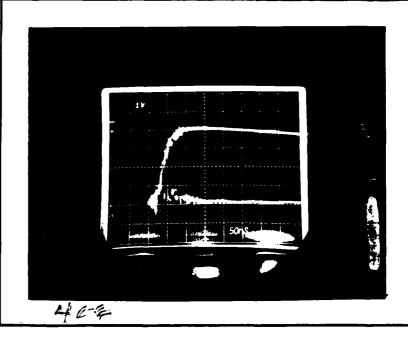


Date 5-38	5-85
Test Point /5R-	
Amplification	d B
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical /V (1900	V) #V/dlv 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level 4	4500V
Data Link	
Comments:	405

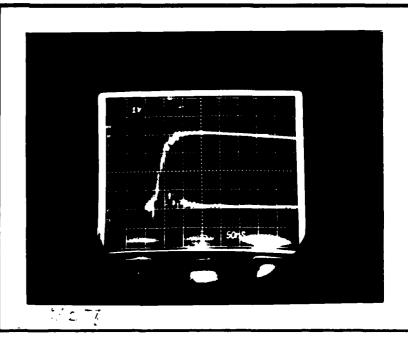
0.



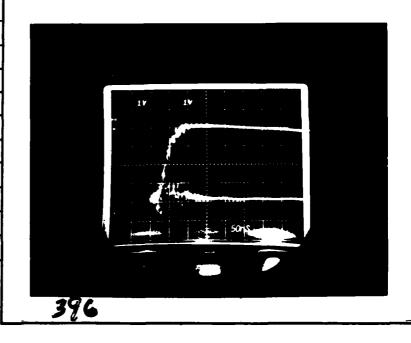
Date 5-3	30-85
Test Point /5-	30-85 -CL-1/10-E
Amplification	dB
Attenuation	20 dB
Horizontal	50 na/div 1
Vertical /V(19	100V) -W/div 1
Horizontal	ns/dlv 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	406
	406



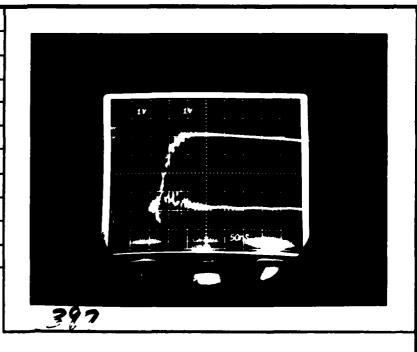
Date 5-30	~85
Test Point 1512 -	CL-1/10-E
Amplification	dB
Attenuation	20 ds
Horizontal	50 ne/dlv 1
Vertical /V (1900)	/)
Horizontal	ne/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level - 4	500 V
Data Link	
Comments:	407



2-4- 5-	20 05
	30-85
Test Point //	-CL-1/10-A
Amplification	48
Attenuation	20 dB
Horizontal	50 ns/div 1
Vertical //((1900) my div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500V
Deta Link	
Comments:	396
	· •



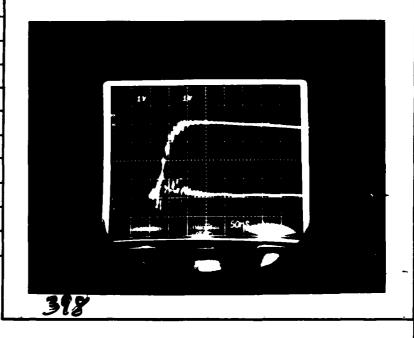
Date 5 -	30-85
Test Point /TR.	-30-85 -CL-1/10-A
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical /V (/	700V) -mV/div 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	
Pulser Level -	4500V
Data Link	
Comments:	397



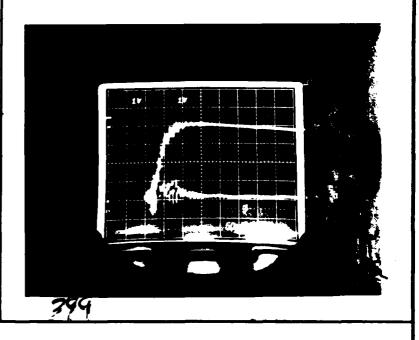


等

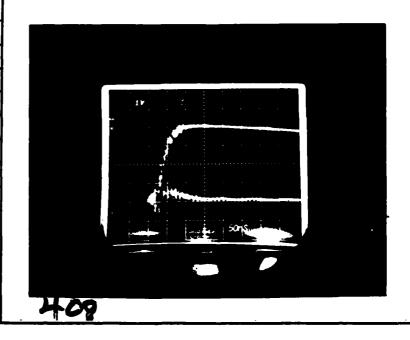
Date 5-3 Test Point /7-0	11 /1 0
	- L- 1/10-B
Amplification	dß
Attenuation	20 dB
Horizontal	50ne/div 1
Vertical // (1900	V) myrdiv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500
Data Link	
Comments:	398



dB dB e/div 1
d8 d8 e/div 1
e/div 1
V/dly 1
e/div 2
6/dly 2
)

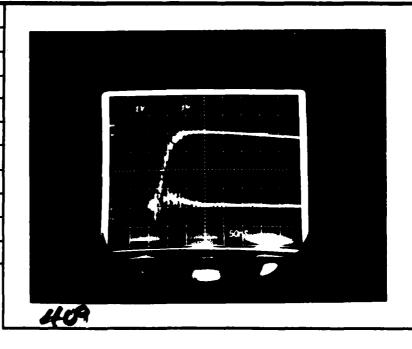


Date 5-30	-85
Test Point /7-CL-	110-C
Amplification	dB
Attenuation	20 dB
Horizontal 5	o ns/div 1
Vertical /V (1900V)	mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level 450	DOV
Data Link	
Comments:	408

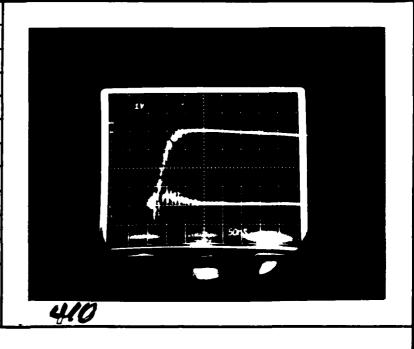




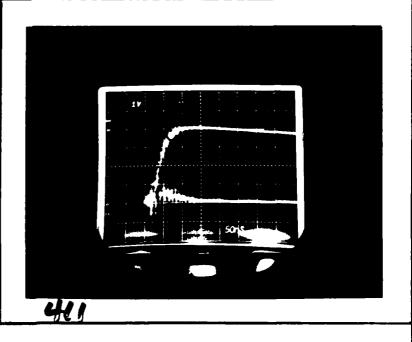
Date 5-	30 - 85
Test Point / TR	-CL-/10-C
Amplification	dB
Attenuation	20 48
Horizontal	50 ne/div 1
Vertical /V (19	700V) -V/dIV 1
Horizontal	ns/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level —	4500V
Data Link	
Comments:	409



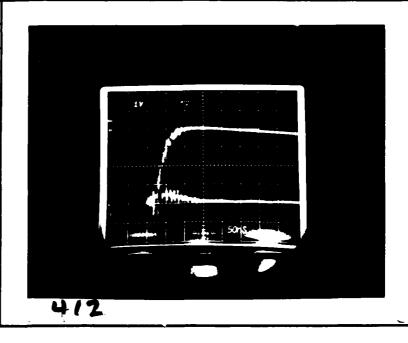
P 12	NOTES TO COMPANY AND	
	Dete 5 - 20	0.6
	Date 5-30 Test Point /7-CL-	-83 11: 5
8	AmpHilication	4B
df. 32.25	Attenuation	
જે સવ		
8	<u> </u>	<i></i>
[4] [4]	Vertical /V/1900V	
	Vertical	ns/div 2
<u>V</u>	}	ns/div 2
	Configuration	
		500 V
	Data Link	
	Comments:	410
<u>}</u>	İ	į
S		
<u> </u>		
7		
Ş		
Ĵ.		
	Date 5-30	-85
X	Date 5-30 Test Point 17R-CL	1/10-D
'.' ?	AmpHication	dB
	Attenuation	20 48
	Horizontal 3	To ne/dly 1
	Vertical /V (1900V)	
	Horizontal	ns/dlv 2
	Vertical	ne/dlv 2
	Configuration	
! !	Pulser Level -43	TOOV
	Data Link	
	Comments:	411
		411

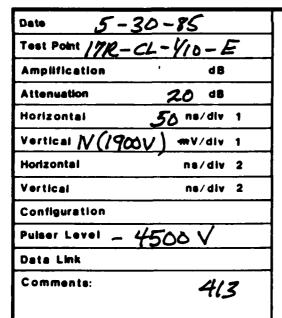


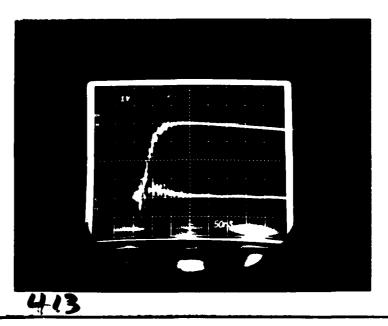
Date 5-30	-85
Test Point 17R-CL	1/10-D
AmpHfication	dB
Attenuation	20 48
Horizontal 5	O ne/dlv 1
Vertical /V (1900V)	→ V/div 1
Horizontal	ns/div 2
Vertical	ne/dlv 2
Configuration	
Pulser Level -43	TOOV
Data Link	
Comments:	411



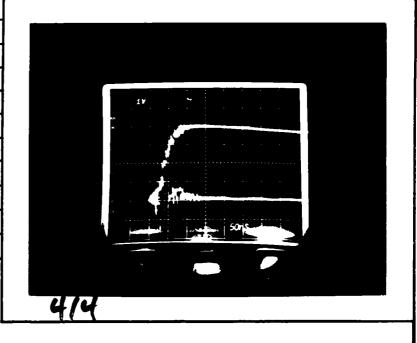
Date 5-	30-85
Test Point 17-0	CL-1/10-E
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical // (190	OV) mV/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level_	4500 V
Data Link	
Comments:	412



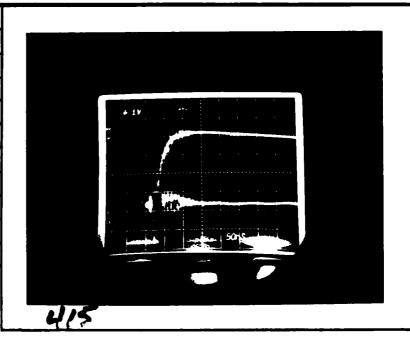




Date &	20-05
	-30-85
Test Point /9-	CL-1/10-A
Amplification	dB
Attenuation	20 dB
Horizontal	50 na/div 1
Vertical 1V(19	700V)
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	414
	** 1



Date 5-30	-85
Test Point 19R~	CL-YID-A
Amplification	dB
Attenuation	46
Horizontal	ne/dlv 1
Vertical	mV/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level	
Data Link	
Comments:	415



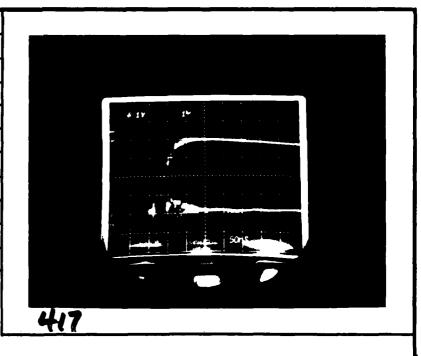
Date 5-	30-85
Test Point 19 -	30-85 -CL-1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical /V(1900V) W/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500V
Data Link	
Comments:	416

MOVED TRACE (ZERO)

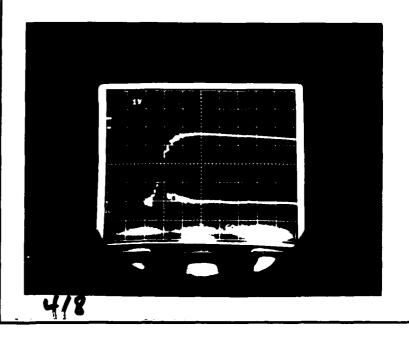
ASSIM BOSTOOD LEGGEST BESTELD PRESIDE (VOICED BOSTOOL) BOSTOOD ESSESSON ESSESSON ESSESSES ESPECIAL ESPECIAL BOSTOON

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-30-85
-30-85 -CL-1/0-B
dB
20 dB
50 ne/dlv 1
1900V)m4/div 1
ns/div 2
ns/div 2
-4500V
417



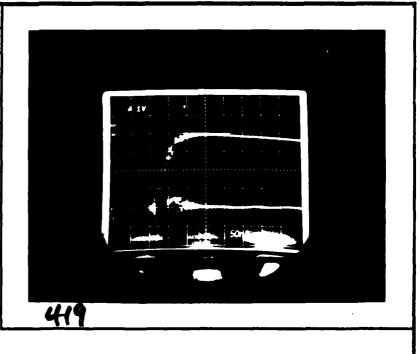
Date 5-	30-85	
	CL-1/10-C	
Amplification	dB	
Attenuation	20 dB	
Horizontal	50 ns/dlv 1	
Vertical /V(1900 V) -W/dlv 1		
Horizontal	ne/div 2	
Vertical	ns/div 2	
Configuration		
Pulser Level + 4500 V		
Data Link		
Comments:	418	





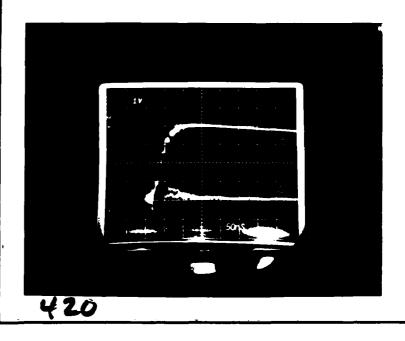
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Date 5-3	0-85
	CL-1/10-C
Amplification	dB
Attenuation	20 d8
Horizontal	50ne/div 1
Vertical 1V(19	DOV JAVIDIV 1
Horizontal	ne/dlv 2
Vertical	ne/div 2
Configuration	
Pulser Level	4500V
Date Link	
Comments:	419
	1

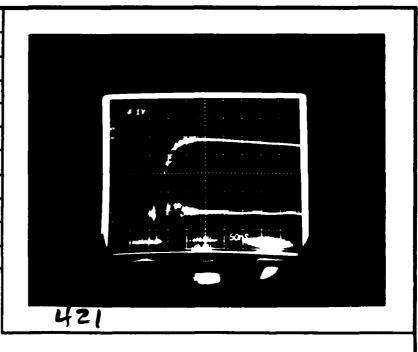




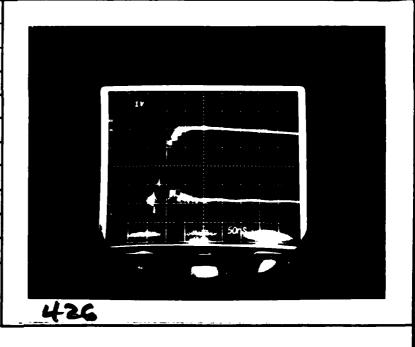
Date 5-	30 - 85
Test Point /9-	30-85 CL-1/10-D
Amplification	dB
Attenuation	20 dB
Horizontai	50 ns/dlv 1
Vertical /V (190	OV) MYTHIN 1
Horizontal	ns/dlv 2
Vertical	ne/div 2
Configuration	
Pulser Level	4500V
Data Link	
Comments:	420



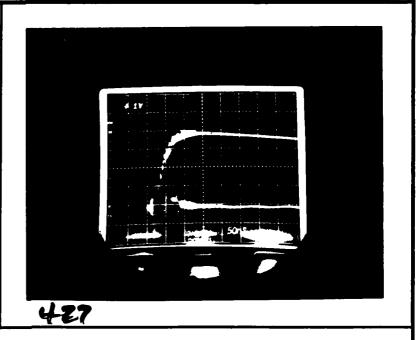
Date 5-30	3-85
Test Point 19R-CL- 110-D	
Amplification	dB
Attenuation	20 ds
Horizontal	50 ne/div 1
Vertical /V(1900	
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level -4	4500V
Data Link	
Comments:	421
l	1-1



Date 5-3	0-85
Date 5-3 Test Point 19-6	CL-1/10- E
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical /V (190	DV) maydiv 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500V
Data Link	
Comments:	426



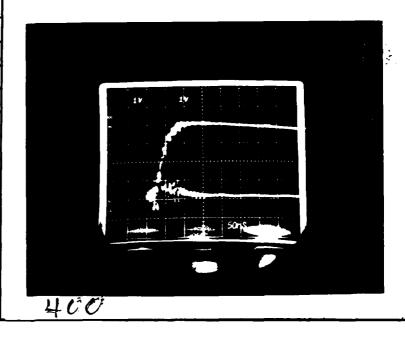
Date 5-30	-85
Date 5-30 Test Point 19R-	CL-1/10-E
Amplification	dB
Attenuation	₫₿
Horizontal	ns/div 1
Vertical	mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	· · · · · · · · · · · · · · · · · · ·
Data Link	
Commente:	427

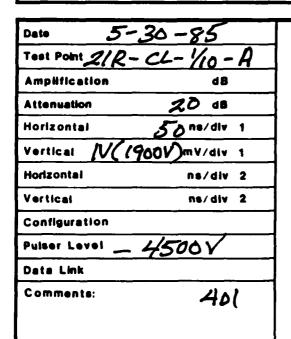




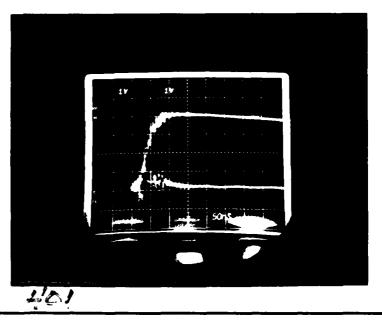
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Date 5-30	- 85
Test Point 21-C	L-1/0-A
Amplification	d B
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical /1/190	O) mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500V
Data Link	
Comments:	400



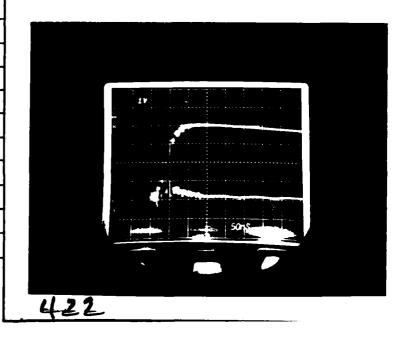


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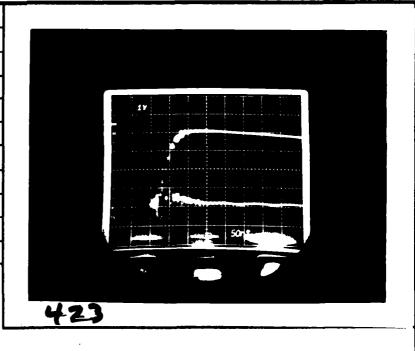


Date 5	-30 -85
Test Point 2/	-30-85 -CL-1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/div 1
Vertical / V	((1900V)m4/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	
Data Link	
Comments:	422

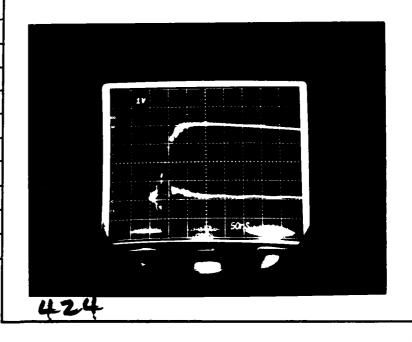
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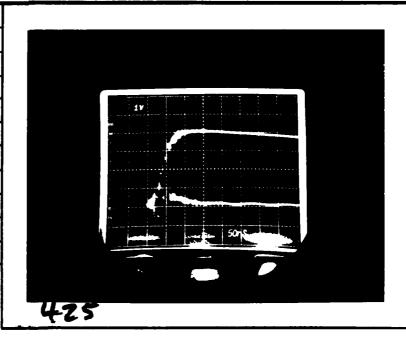
Date 5-	30-85
Test Point 2/R-	30-85 -CL-1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical 1VC	1900V HV div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level	
Data Link	
Comments:	423
	1-5



Dete 5-3	30-85
Test Point 21-0	1-1/10-C
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical /V (1900) #W/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	424

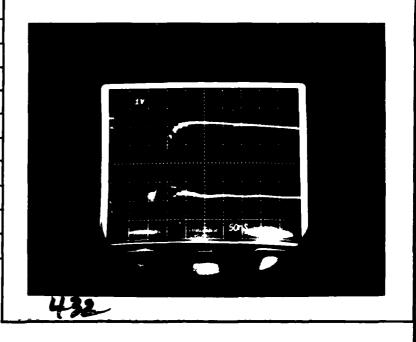


Date 5-3	0-85
Date <u>5-3</u> Test Point <u>21-0</u>	CL-1/10-C
Amplification	dB
Attenuation	20 48
Horizontal	50 ne/dlv 1
Vertical /V(190	dV) mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level -	4500V
Data Link	
Comments:	425
	•

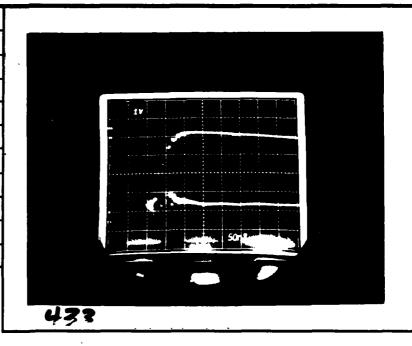


Date 5	30-85
Test Point 21-	30-85 CL-1/10-D
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical /V/19	DOV)
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	432
	••

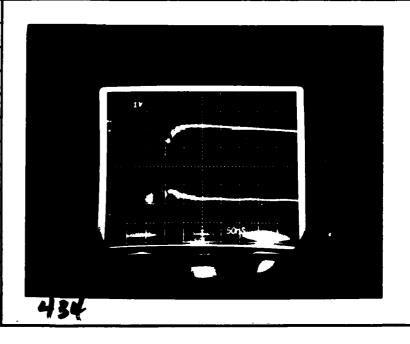
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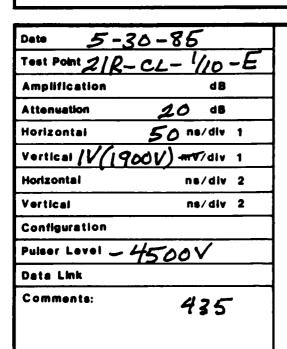


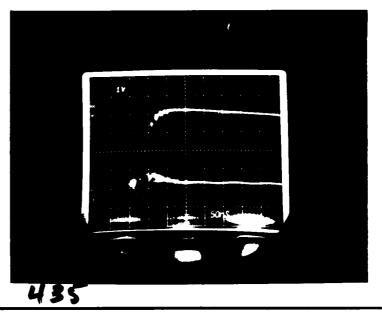
Date 5-	30 -85	
Test Point ZIR-	CL-1/10-D	
Amplification	dB	
Attenuation	20 dB	
Horizontal	50 ne/div 1	
Vertical /V(/900V) = 1/div 1		
Horizontal	ne/div 2	
Vertical	ne/div 2	
Configuration	,	
Pulser Level -	4500 V	
Data Link		
Comments:	433	
	133	



Date 5-30	-85
Test Point 21-CL.	-410-E
Amplification	dB
Attenuation	20 dB
Horizontal	O ne/div 1
Vertical /V (1900 V	Jart/div 1
Horizontal	ns/dly 2
Vertical	ns/div 2
Configuration	
Pulser Level 4	500 V
Data Link	<u></u>
Comments:	434





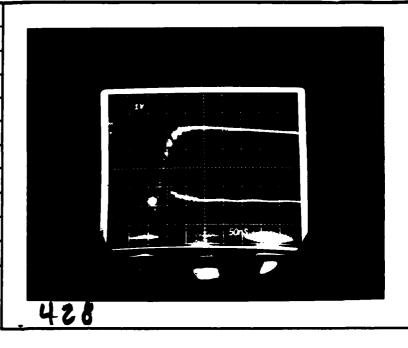




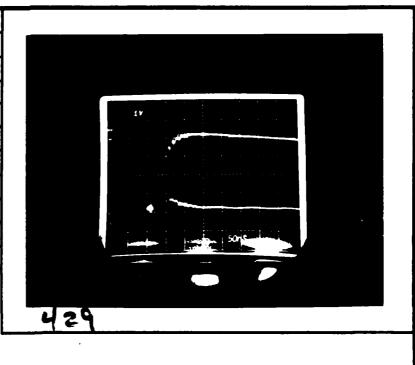
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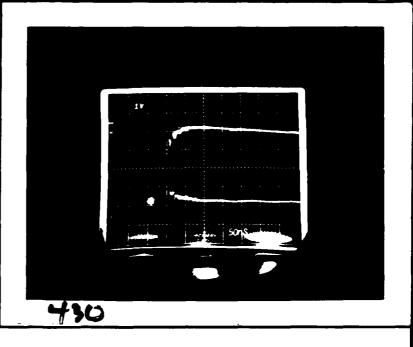
Date 5-30-85 Test Point 23-CL-1/10-Amplification dB 20 dB Attenuation 50 ne/div Horizontal Vertical /V m¥/div 1 Horizontal ns/div 2 Vertical 2 ns/dly Configuration 4500 V Pulser Level Data Link Comments: 428

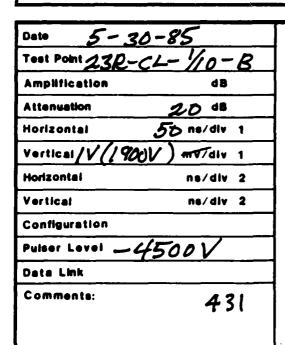


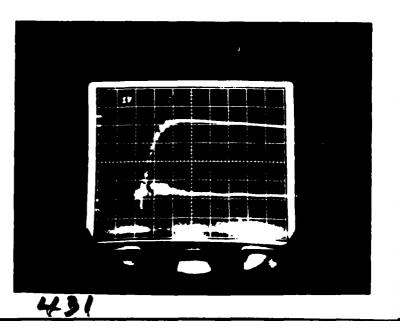
Date 5-30-85
Test Point 23R CL-1/10. A Amplification dB Attenuation 20 dS Horizontal ns/div 1 19001 Vertical ! nV/dlv 1 **Horizontal** ne/div 2 Vertical ne/dly 2 Configuration -4500V **Pulser Level** Data Link Comments: 429



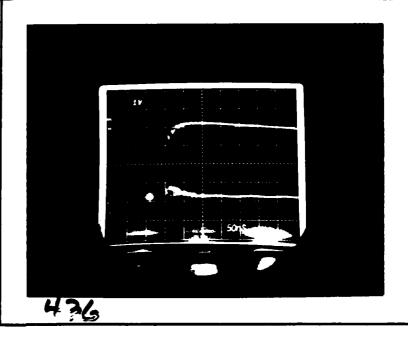
Date 5-34	0-85
Date 5-30 Test Point 23 -0	=L-1/10-B
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical N/1900	OV) mV7div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level 4	4500 V
Data Link	
Comments:	430

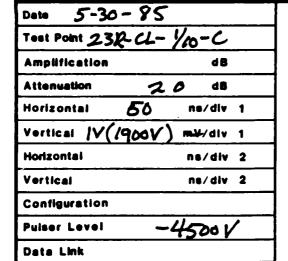






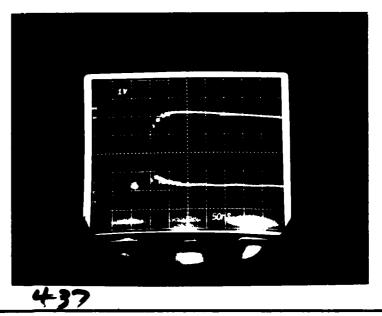
Date 5-30	-85	
Test Point 23	-CL-1/10-C	
Amplification	dß	
Attenuation	20 dB	
Horizontal	50 ne/div 1	
Vertical /V(1900V) =4/div 1		
Horizontal	ns/div 2	
Vertical	ne/div 2	
Configuration		
Pulser Level	+45@V	
Data Link		
Comments:	436	



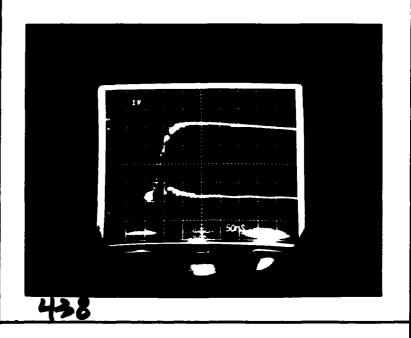


Comments:

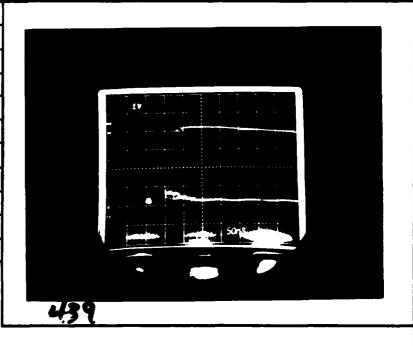
RESERVED BESTERVED BY THE STATE OF THE STATE



Date 5-30	1-85
Test Point 23	-cL-1/0-D
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/dlv 1
Vertical [V(1900V) m4/div 1	
Horizontai	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	+4500
Data Link	
Comments:	438

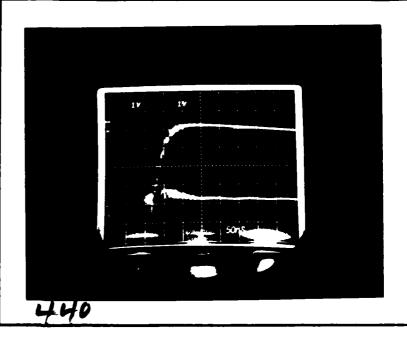


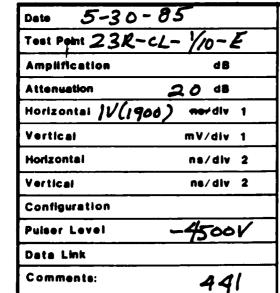
	0-85
Test Point 23R	-CL-410-D
Amplification	dB
Attenuation	20 dB
Horizontal 5	O ne/dlv 1
Vertical /V(19	00)V-mV/div 1
Horizontal	ns/div 2
Vertical	ne/dlv 2
Configuration	
Pulser Level	
Date Link	
Comments:	439

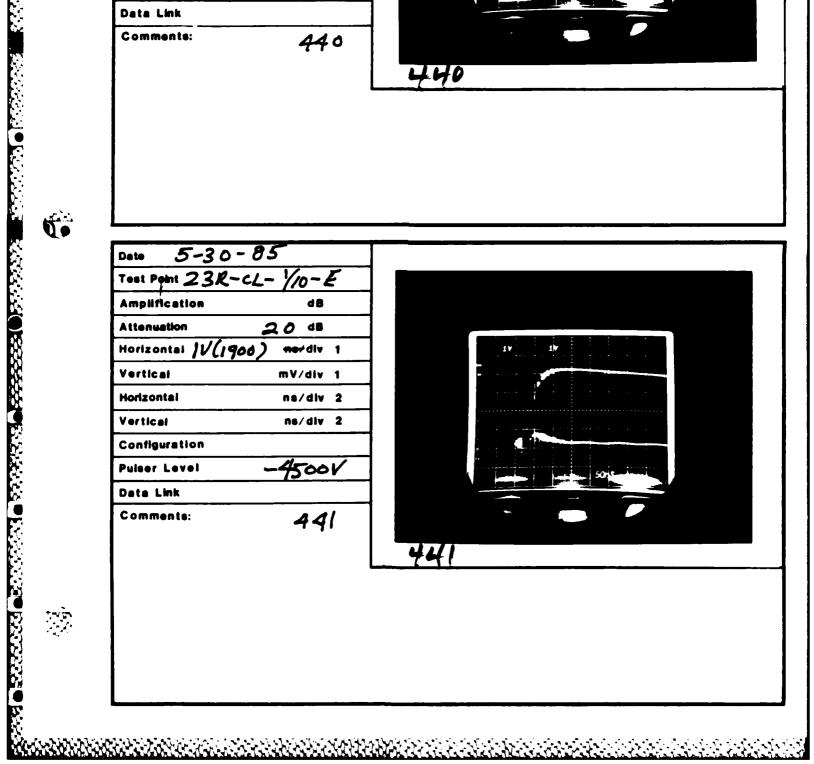


Date 5-36	0-85
Test Point 23	- cL- 1/10-E
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical /V(/	900) V my/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level	+4500
Data Link	
Comments:	440

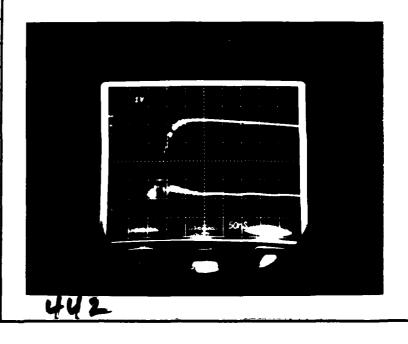
CONTRACTOR SANCTOR SANCTOR



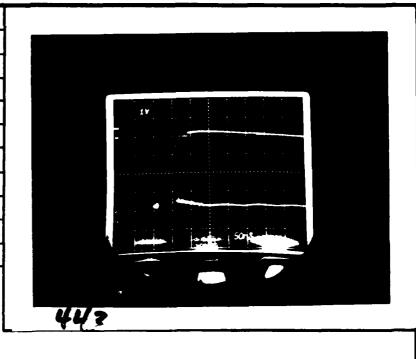




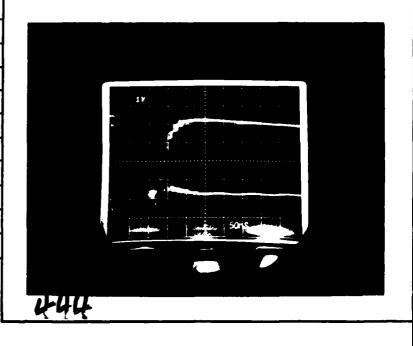
Date 5-30	-85
Test Point 32 -	CL-1/10-A
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical IV (19	00 V) + V/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500V
Data Link	
Comments:	442
	.,_

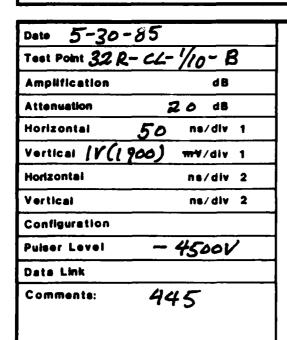


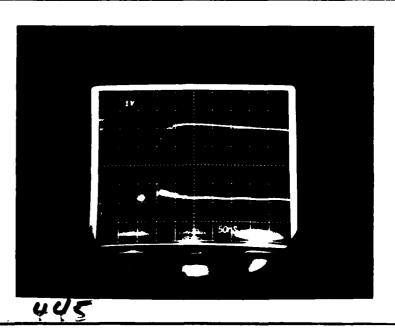
Date 5-30-85	
Test Point 32R-CL-1/10-A	
Amplification	48
Attenuation	20 ds
Horizontal 50	ns/dlv 1
Vertical V (1900 V)	π∀/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level -4	7500V
Date Link	
Comments:	443



Dete 5-30.	-85
Test Point 32	-CL-1/10-13
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical /V (1	900) #4/div 1
Horizontal	ne/div 2
Vertical	ne/div _2
Configuration	
Pulser Level	+4500
Data Link	
Comments:	444

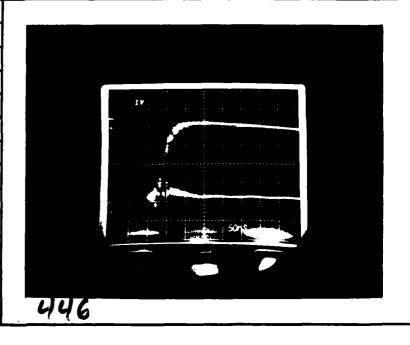




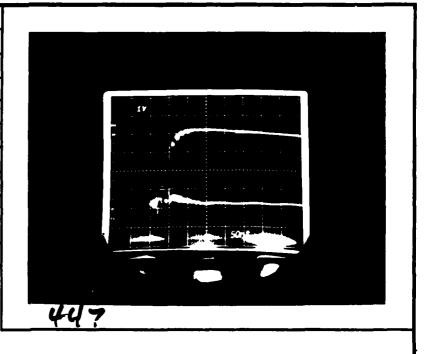


Date 5-30-	-85
	-CL-/10-C
AmpHication	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical IVC 19	00) m47div 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	
Pulser Level	+4500
Data Link	
Comments:	446
	· · ·

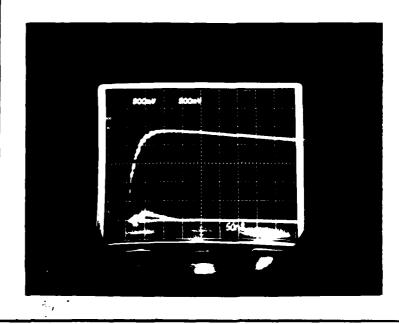
G



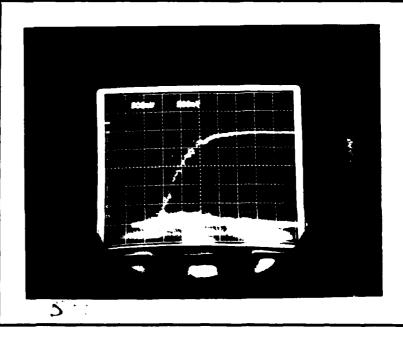
Date 5-3	0-85	
Test Point 32/	Test Point 32R-CL- 110-C	
Amplification	dB	
Attenuation	20 ds	
Horizontal	50 ne/div 1	
Vertical (V(1900) my/div 1		
Horizontal	ns/div 2	
Vertical	ns/div 2	
Configuration		
Pulser Level	-4500	
Data Link		
Comments:	447	



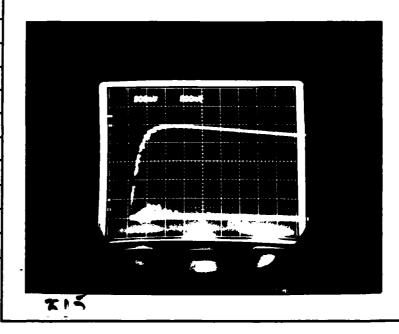
3-85
L- 110-D
dß
20 dB
50 ns/dlv 1
50) MY/div 1
ns/div 2
ns/div 2
500V
513



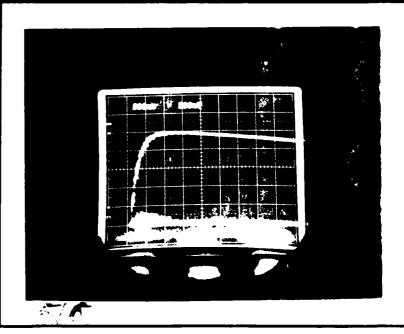
	Data Link	
	Comments:	513
385	Date 6 -	3-85
	Test Point 32R -	CL-1/10-D
(3)	Amplification	dB
	Attenuation	20 ds
305	Horizontal	20 ne/div 1
	Vertical , 5/(95) mV/dlv 1
	Horizontal	ns/dlv 2
	Vertical	ns/div 2
	Configuration	
	Pulser Level - 2	1500V
	Data Link	
	Comments:	£7.4
		·
22%		
N. C.		
None see	ĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ	መስመት ያለው የመትወት መትጀት



Date 6-3	3-85
Test Point 32 -	
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical 5V(95	SOV)mV/dIV 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	515
İ	- ·

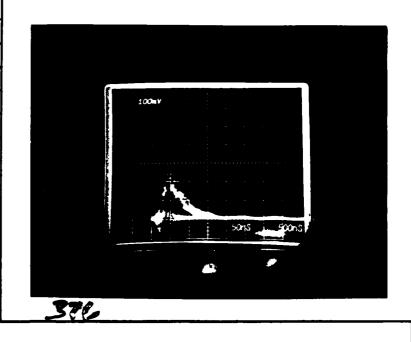


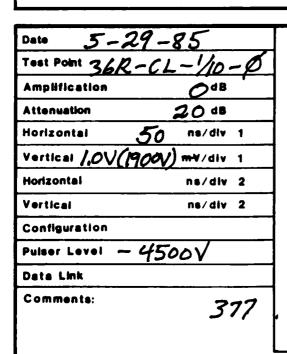
Date 6-	3-85
Test Point 32R -	CL-1/10-E
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dly 1
Vertical , 5V(9.	50V) mV/dlv 1
Horizontal	ns/dlv 2
Vertical	ns/dlv 2
Configuration	·
Pulser Level -	4500V
Data Link	
Comments:	<i>t</i> :

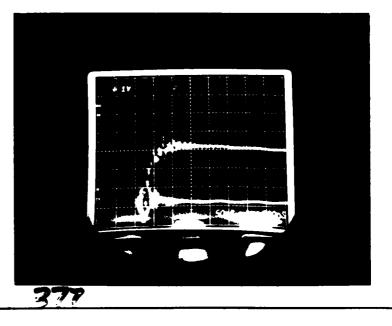


Date 5-29.	- 85
	-1/10-B
Amplification	O dB
Attenuation	O dB
Horizontal 50	ns/div 1
Vertical (V(190V)	æ₩/div 1
Horizontal	ns/div 2
Vertical	ns/dlv 2
Configuration	·;
Pulser Level + 45	00V
Data Link	
Comments:	376
.1V/DIV(19	OV/DN)

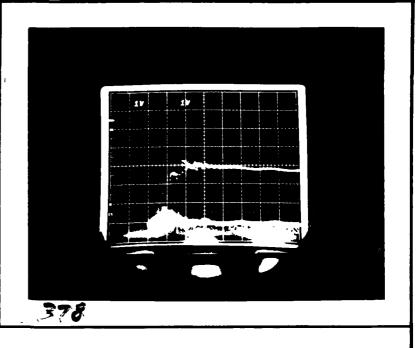
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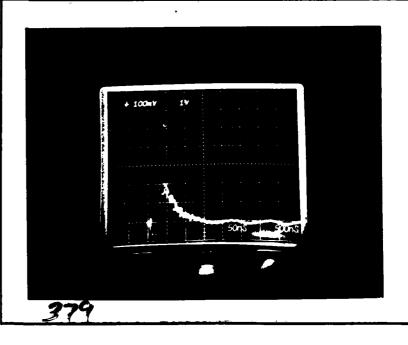




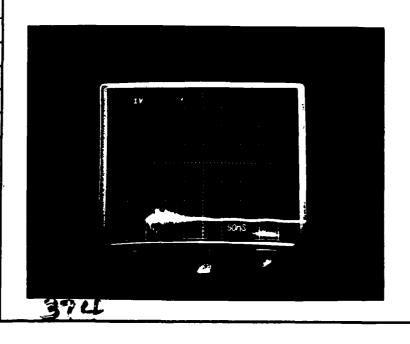
Date 5-	29-85
Test Point 37-C	L-1/10-P
Amplification	O 18
Attenuation	20 dB
Horizontal	50 na/div 1
Vertical 1.0V(19	00V) #W/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level 4	4500V
Data Link	
Comments:	3 78



Date 5-,	29-85
Test Point 372-	CL-1/0-Ø
Amplification	O 4B
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical // (19	OV) mV/div 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500V
Data Link	
Comments:	379
1	

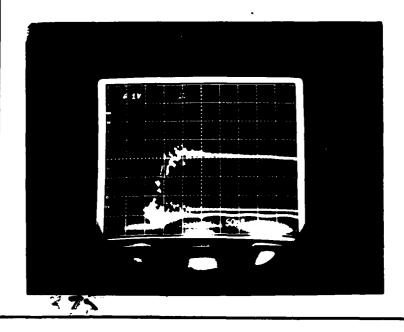


Date 5-29-85
Test Point 38-CL-1/10-6 **Amplification** Attenuation 20 dB 50 na/div Horizontal Vertical // 1900V mV/div Horizontal ns/dlv 2 Vertical ns/div 2 Configuration 4500V Puiser Level Data Link Comments: 374



5-29-85 Date Test Point 38R - CL-1/10-0 **Amplification** Attenuation dB Horizontal ne/div : Vertical mV/div 1 Horizontal ns/dlv 2 Vertical ns/div 2 Configuration 4500V Pulser Level Data Link Comments: 375

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Date 5-	30-85
Test Point 39-	-CL-1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/dlv 1
Vertical 5V	750V) -NV/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	460

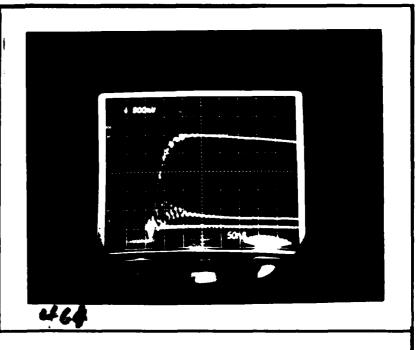
6

24-GO

·5V (950)/DIV

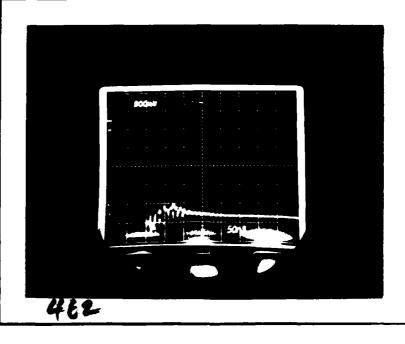
POSITIVE TERMINAL

Date 5-3	0-85
Date 5-3 Test Point 39/R-	CL-1/10-\$
Amplification	d8
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical 5V/95	OV) mV/div 1
Horizontal	ne/dly 2
Vertical	ne/div 2
Configuration	
Pulser Level	4500Y
Data Link	
Comments:	461
	76/

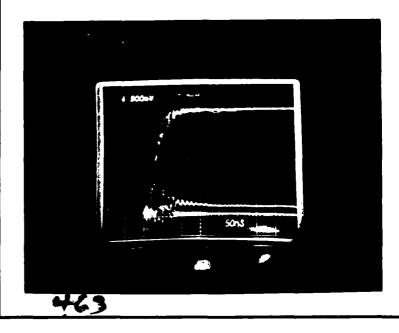


POSITIVE TERMINAL

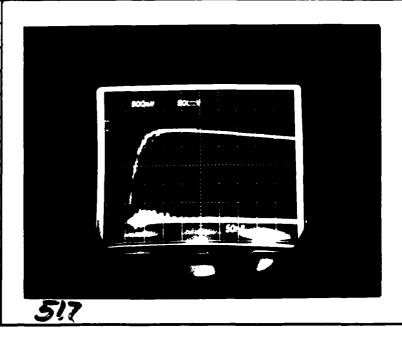
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1
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, 2
, 2
162



8		
	Date 5-3	0-85
	Date 5-3: Test Point 39 - C	L-1/10-6
	Amplification	dB
Sec Con	Attenuation	20 dB
w.	Horizontal	50 ns/div 1
 	Vertical 5V (950	W) -WV/div 1
18 8	Horizontal	ns/div 2
188	Vertical	ns/dlv 2
	Configuration	
	Pulser Level + 4	1500 V
	Data Link	
0.5	Comments:	462
334		76-
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T.		
and the same		
4 4 4		
रस	5 24	00
	Date 5-30	0-85
) 1	Test Point 39R-6	
	Amplification	48
	Amplification Attenuation	20 dB
1	Amplification Attenuation Horizontal	20 dB 50 ns/div 1
1	Amplification Attenuation Horizontal Vertical , 5V(95	## d8 ## d8
1	Amplification Attenuation Horizontal Vertical , 51/95 Horizontal	### dB ################################
1	Amplification Attenuation Horizontal Vertical , 50/95 Horizontal Vertical	## d8 ## d8
) ************************************	Amplification Attenuation Horizontal Vertical Vertical Configuration	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##
1	Amplification Attenuation Horizontal Vertical , 5V(95) Horizontal Vertical Configuration Pulser Level — 4	### dB ################################
1	Amplification Attenuation Horizontal Vertical , 51/95 Horizontal Vertical Configuration Pulser Level — 4 Data Link	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##
1	Amplification Attenuation Horizontal Vertical , 5V(95) Horizontal Vertical Configuration Pulser Level — 4	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##
1	Amplification Attenuation Horizontal Vertical , 51/95 Horizontal Vertical Configuration Pulser Level — 4 Data Link	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##
1	Amplification Attenuation Horizontal Vertical , 51/95 Horizontal Vertical Configuration Pulser Level — 4 Data Link	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##
1	Amplification Attenuation Horizontal Vertical , 51/95 Horizontal Vertical Configuration Pulser Level — 4 Data Link	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##
1	Amplification Attenuation Horizontal Vertical , 51/95 Horizontal Vertical Configuration Pulser Level — 4 Data Link	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##
**************************************	Amplification Attenuation Horizontal Vertical , 51/95 Horizontal Vertical Configuration Pulser Level — 4 Data Link	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##
**************************************	Amplification Attenuation Horizontal Vertical , 51/95 Horizontal Vertical Configuration Pulser Level — 4 Data Link	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##
1	Amplification Attenuation Horizontal Vertical , 51/95 Horizontal Vertical Configuration Pulser Level — 4 Data Link	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##
**************************************	Amplification Attenuation Horizontal Vertical , 51/95 Horizontal Vertical Configuration Pulser Level — 4 Data Link	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##
	Amplification Attenuation Horizontal Vertical Vertical Configuration Pulser Level — C Data Link Comments:	## d8 ## ## d8 ## ## ## ## ## ## ## ## ## ## ## ## ##

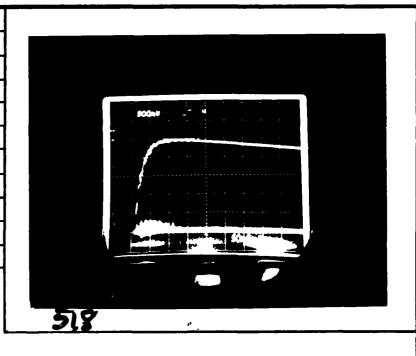


//O -A dB O dB ons/div 1 mv/div 1
dB 2 O dB) ns/div 1 mV/div 1
O dB ons/div 1 mV/div 1
ns/div 1 mV/div 1
mV/div 1
na/div 2
ns/div 2
00V

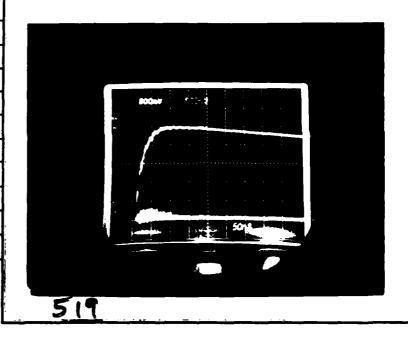


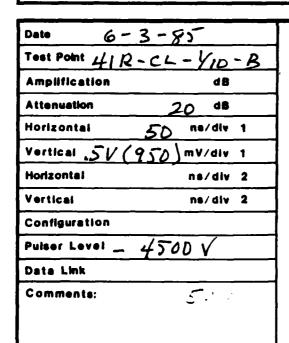
Date 6	-3-85
Test Point 4/R	-3-85 -CL-110-A
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical 5V (950) mv/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level .	- 4500V
Data Link	
Comments:	5/9

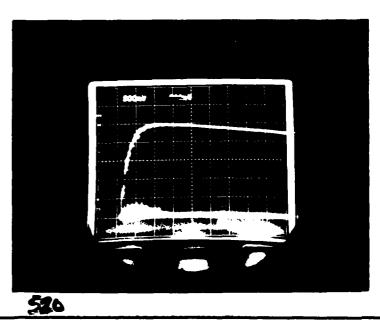
Çak.



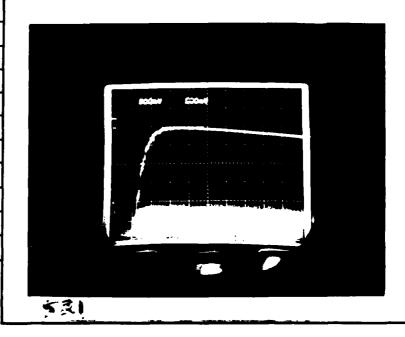
Dete 6-	-3-85
	CL- 1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/dlv 1
Vertical 5V (950) mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500V
Data Link	
Comments:	(C) (3

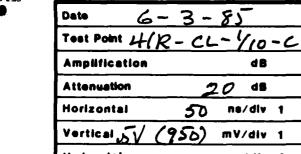






85
- 1/10 - C
48
2D dB
ns/div 1
mV/div 1
ns/div 2
ns/div 2
00 V
577





Horizontal ne/div 2
Vertical ne/div 2

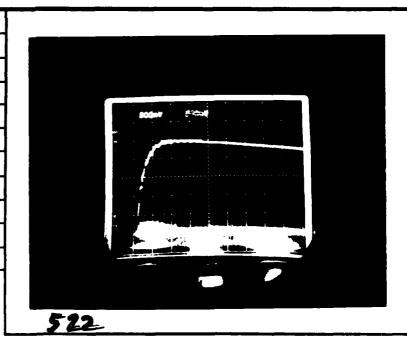
57.

Configuration

Pulser Level - 4500 V

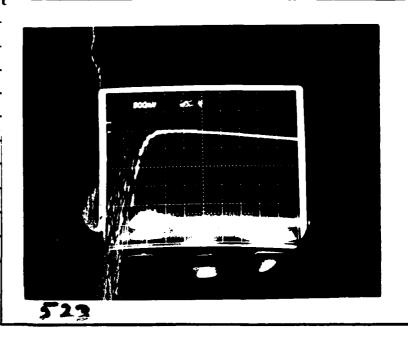
Data Link

Comments:

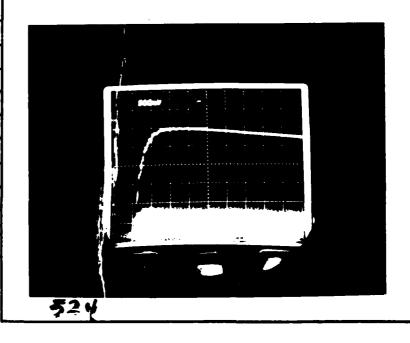




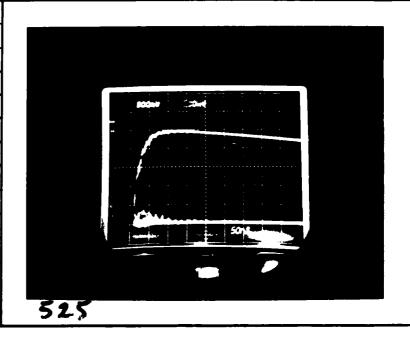
Date 6-3-85 Test Point 44 - CL-1/10-D Amplification dB **Attenuation** 20 dB 50 ne/div Horizontal Vertical ,SV (950 mV/dlv 1 Horizontal 2 ns/div Vertical ns/div 2 Configuration Pulser Level + 4500V Data Link Comments:



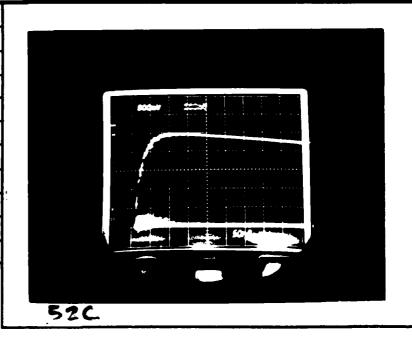
Date 6-	3-85
Test Point 4/R	- CL - 1/10-D
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical, 5V (9	50) mV/dlv 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level _ !	4500V
Data Link	
Comments:	57.4



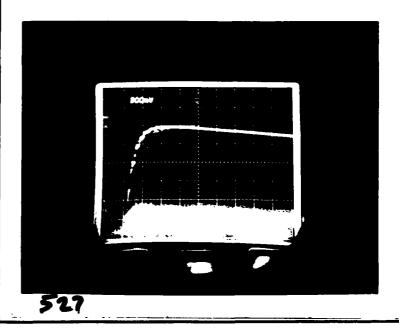
Date 6-3-	85
Test Point 41 - CL	
Amplification	dB
Attenuation	20 dB
Horizontal 57	na/dlv 1
Vertical .5V(950)	mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level + 4	500 V
Data Link	
Comments:	
	•••



Date 6-	-3-85
Test Point 412	- CL-1/10-E
Amplification	dB
Attenuation	20 ds
Horizontal	50 ne/div 1
Vertical SV (950 mV/dlv 1
Horizontal	ns/dlv 2
Vertical	ne/div 2
Configuration	
Pulser Level _	- 4500V
Data Link	
Comments:	•
	•

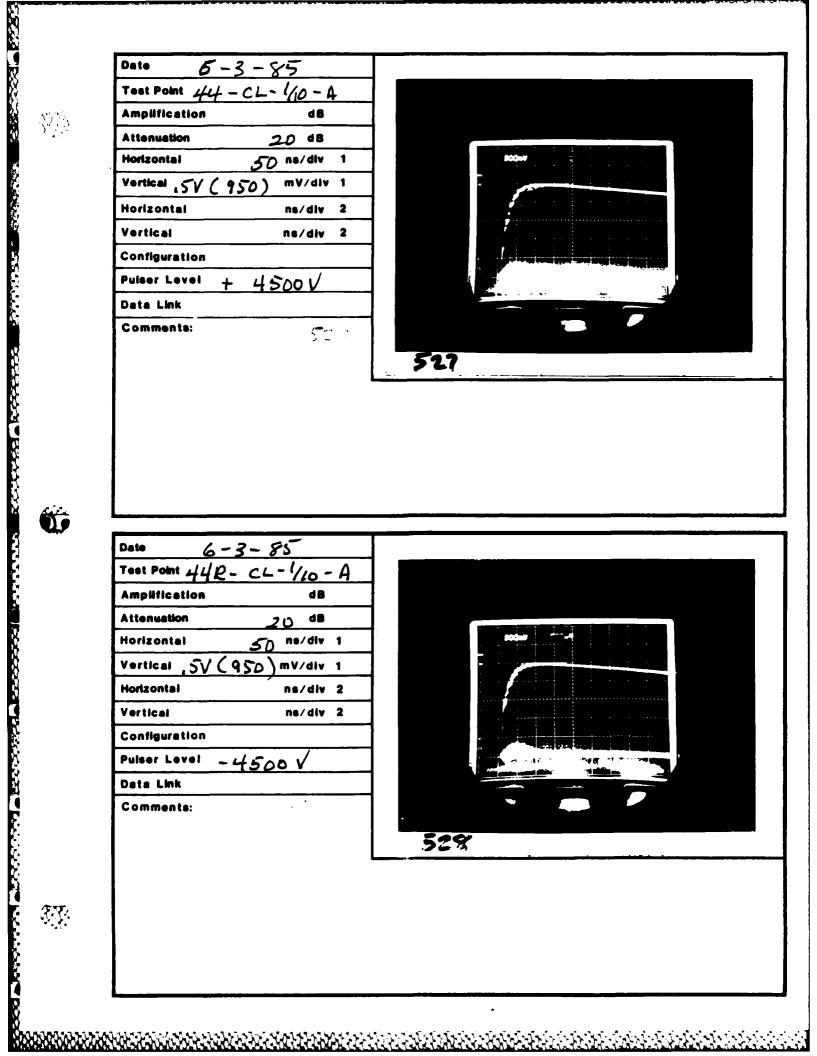


Date 5-	3-85
Test Point 44 -	-CL-1/10-A
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical .5V (9	50) mV/dlv 1
Horizontal	ns/dlv 2
Vertical	ne/div 2
Configuration	
Pulser Level +	4500 V
Data Link	_
Comments:	500





Date 6-	3-85
Test Point 442-	
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V (350) mv/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	

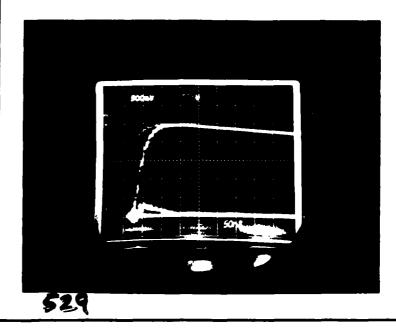


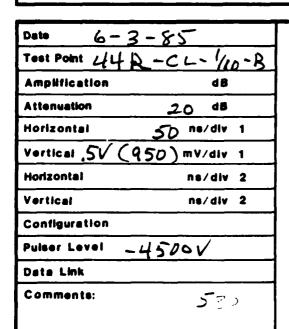
Date 6-3	-85
Test Point 44-	CL- 1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical .5V (95	MV/dlv 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	524

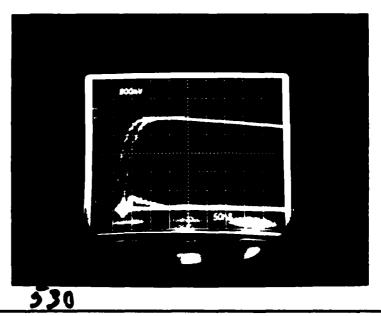
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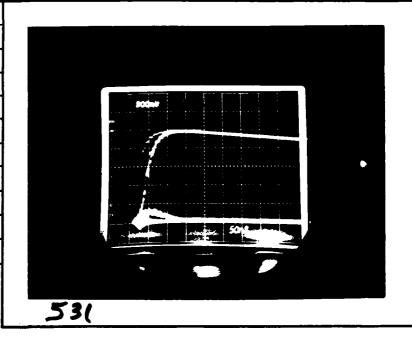
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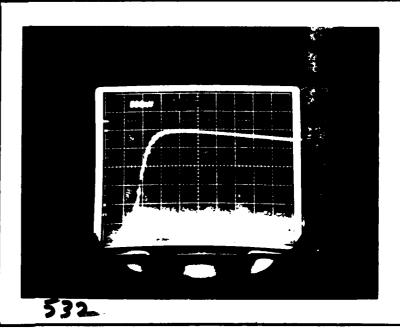




Date 6-	3-85
Test Point 44 -	CL-1/10-C
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical . SV (95	mV/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	,
	~ ~

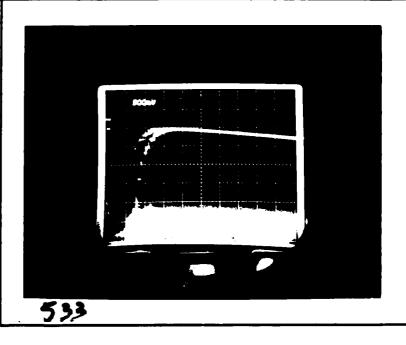


	No. 1. 2. Have more than the entire that, there shall	Participal Electrical Production Contact Mark Propries
	Date C =	
	9	3-85
	Test Point 44 - C	dB
	Attenuation	
	Horizontal	20 dB
15-301	Vertical .5V (950	50
	Horizontal	
	Vertical	
	Configuration	ns/div 2
657	Pulser Level +	115001/
	Data Link	4300 V
	Comments:	
972	Comments:	~ ~
545	i	
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58		
33	[
13 67.57		
XX	Test Point 44 R -	<u> 3-85</u>
	Test Point 44 R -	CL-1/10-C
3	AmpHilcation	dB
	Attenuation	20 48
×	Horizontal	50 ne/div 1
X	Vertical , 5V (9	50) mV/dlv 1
	Horizontal	ne/dlv 2
	Vertical	ns/dlv 2
N.	Configuration	
	Pulser Level	4500 V
	Data Link	
oct.	Comments:	<u> </u>
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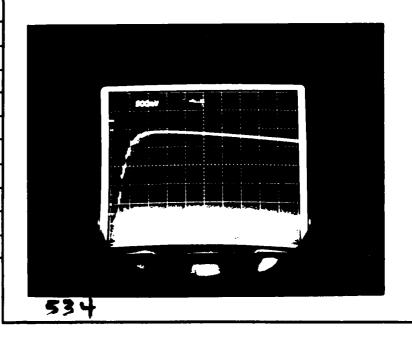


Date 6 -	-3-85
Test Point 44.	-CL-1/10 - D
Amplification	48
Attenuation	20 d8
Horizontal	50 ne/div 1
Vertical ,5V (750) mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level -	+ 4500 V
Data Link	
Comments:	

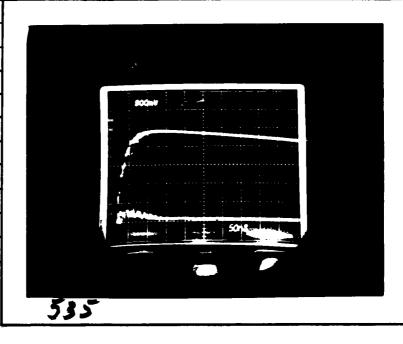
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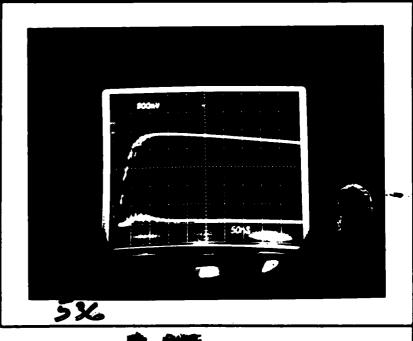
Date 6-3	-85
Test Point 44R - CL - 10 - D	
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical .5V (950 mV/div 1	
Horizontal	ns/dlv 2
Vertical	ns/div 2
Configuration	
Pulser Level _ 4500V	
Deta Link	
Comments:	- 3.1
	-34



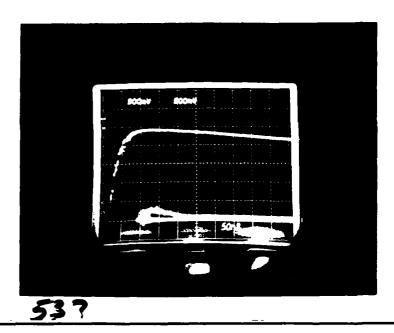
Date 6-	3-85
Test Point 44-CL-1/10-E	
Amplification	dB
Attenuation	20 dB
Horizontai	50 ns/div 1
Vertical .5V (950) mV/div 1	
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level + 4500 V	
Data Link	
Comments:	57.5
	-



Date 6-	3-85
Test Point 4412 -	CL-410-E
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical SV (950) mV/div 1	
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level - 4500V	
Data Link	
Comments:	-

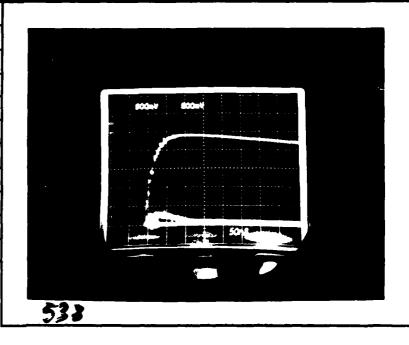


Date 5-	3-85
Test Point 47-CL-1/10-A	
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical .5V (950) mV/div 1	
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level + 4500 V	
Data Link	
Comments:	,

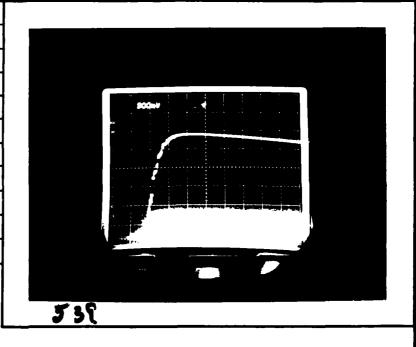


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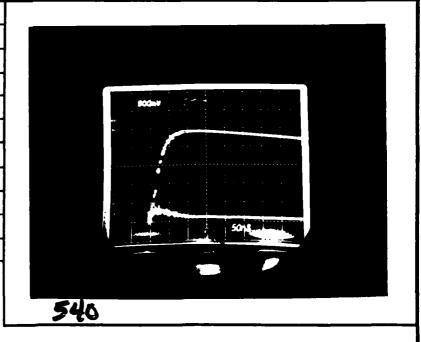
Date 6-	3-85
Test Point 47R - CL-110 - A	
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical ,5V (950) mV/div 1	
Horizontal	ne/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level _ 4500 V	
Data Link	
Comments:	



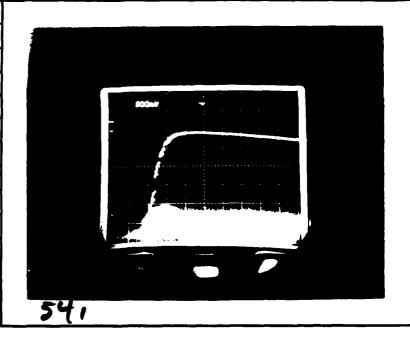
6-3-85 Dete Test Point 47-CL- 410 - B dB Amplification **Attenuation** d B Horizontal ns/div 1 50 Vertical .5/ (950) mV/div 1 Horizontal 2 ns/dlv Vertical 2 ns/div Configuration +4500 V **Pulser Level** Data Link Comments:



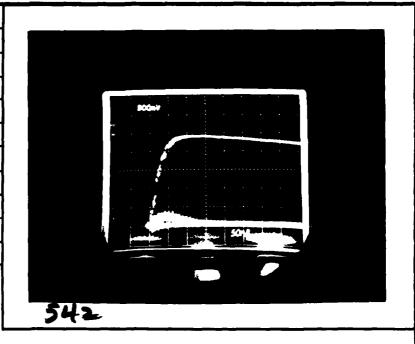
Date 6-	3 - 85
Test Point 47R- CL- 1/10 - B	
Amplification	dB
Attenuation	25 dB
Horizontal	50 ne/dlv 1
Vertical ,5V (950) mV/div 1	
Horizontal	ns/dlv 2
Vertical	ns/div 2
Configuration	
Pulser Level -4500V	
Data Link	
Comments:	



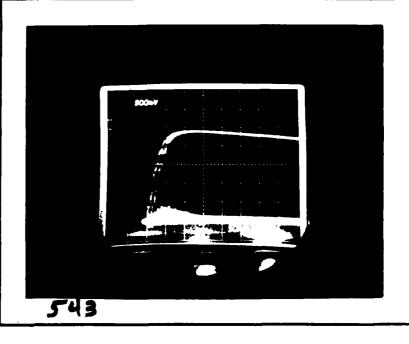
Date 6-3	-85
Test Point 47-CL-410-C	
Amplification	48
Attenuation	20 dB
Horizontal 5	O ne/div 1
Vertical ,5V (950)	mV/div 1
Horizontal	ns/dlv 2
Vertical	ns/div 2
Configuration	
Pulser Level +4 500 V	
Data Link	
Comments:	5-41
	- '



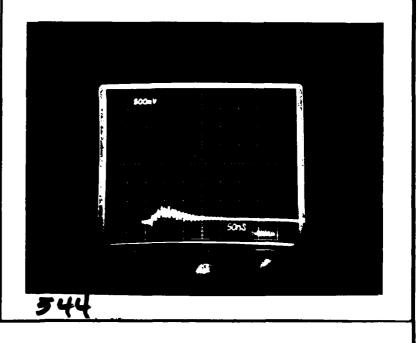
Date 6	-3-85
Test Point 47R-CL-Y10-C	
Amplification	48
Attenuation	20 48
Horizontal	50 ne/dlv 1
Vertical , SV (950) mV/div 1	
Horizontal	ns/dlv 2
Vertical	ns/dlv 2
Configuration	
Pulser Level _	- 4500 V
Date Link	
Comments:	54,
	J , L



3 5		
	Date 6-	3-85
	Test Point 47 - C	L- 1/10-P
	Amplification	48
W N.	Attenuation	20 dB
X.	Horizontai	50 ns/dlv 1
<u>Ş</u>	Vertical .5V (950	mV/dlv 1
8	Horizontai	ns/div 2
100	Vertical	ns/div 2
*	Configuration	
X	Pulser Level +	4500V
	Data Link	
X	Comments:	545
X.		-
S		
0.		
} {	Date / - 2	-85
K €		
\$	Test Point 1170	CI - VID - D
Andreas and the second and the secon	Test Point 47R-	
	Test Point 47R- Amplification Attenuation	dB
Water Office	Amplification	20 dB
W. 1466	Amplification Attenuation Horizontal	20 dB 50 ns/dlv 1
30000 20000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 1000000 1000000 10000000 10000000 10000000 10000000 100000000	Amplification Attenuation	20 dB 50 ns/dlv 1
Appendiate (Control	Amplification Attenuation Horizontal Vertical 5V (95	20 dB 50 ns/dlv 1 0) mV/dlv 1
AND AND AND AND AND AND AND AND AND AND	Amplification Attenuation Horizontal Vertical 5V (95) Horizontal	### AB #### AB #### AB #### AB #### AB #### AB ########
Appearance of the second of th	Amplification Attenuation Horizontal Vertical 5V (95 Horizontal Vertical Configuration	dB 20 dB 50 ns/div 1 0) mV/div 1 ns/div 2 ns/div 2
Appearance Managarapie Description	Amplification Attenuation Horizontal Vertical 5V (95 Horizontal Vertical Configuration	### AB #### AB #### AB #### AB #### AB #### AB ########
iorsesses organisas (Capter	Amplification Attenuation Horizontal Vertical Vertical Configuration Pulser Level	dB 20 dB 50 ns/div 1 ns/div 1 ns/div 2 ns/div 2
	Amplification Attenuation Horizontal Vertical SV (95) Horizontal Vertical Configuration Pulser Level Data Link	dB 20 dB 50 ns/div 1 0) mV/div 1 ns/div 2 ns/div 2
	Amplification Attenuation Horizontal Vertical SV (95) Horizontal Vertical Configuration Pulser Level Data Link	dB 20 dB 50 ns/div 1 ns/div 1 ns/div 2 ns/div 2
	Amplification Attenuation Horizontal Vertical SV (95) Horizontal Vertical Configuration Pulser Level Data Link	dB 20 dB 50 ns/div 1 ns/div 1 ns/div 2 ns/div 2
A CONTRACTOR DESCRIPTION OF THE STATE OF THE	Amplification Attenuation Horizontal Vertical SV (95) Horizontal Vertical Configuration Pulser Level Data Link	dB 20 dB 50 ns/div 1 ns/div 1 ns/div 2 ns/div 2
	Amplification Attenuation Horizontal Vertical SV (95) Horizontal Vertical Configuration Pulser Level Data Link	dB 20 dB 50 ns/div 1 ns/div 1 ns/div 2 ns/div 2
Regres Alexandra Markes state Areas as well a regress	Amplification Attenuation Horizontal Vertical SV (95) Horizontal Vertical Configuration Pulser Level Data Link	dB 20 dB 50 ns/div 1 ns/div 1 ns/div 2 ns/div 2
Products Control Progress Industrial Progress	Amplification Attenuation Horizontal Vertical SV (95) Horizontal Vertical Configuration Pulser Level Data Link	dB 20 dB 50 ns/div 1 ns/div 1 ns/div 2 ns/div 2
	Amplification Attenuation Horizontal Vertical SV (95) Horizontal Vertical Configuration Pulser Level Data Link	dB 20 dB 50 ns/div 1 ns/div 1 ns/div 2 ns/div 2
	Amplification Attenuation Horizontal Vertical SV (95) Horizontal Vertical Configuration Pulser Level Data Link	dB 20 dB 50 ns/div 1 ns/div 1 ns/div 2 ns/div 2
AN EXECUTE OF STATES OF ST	Amplification Attenuation Horizontal Vertical SV (95) Horizontal Vertical Configuration Pulser Level Data Link	dB 20 dB 50 ns/div 1 ns/div 1 ns/div 2 ns/div 2

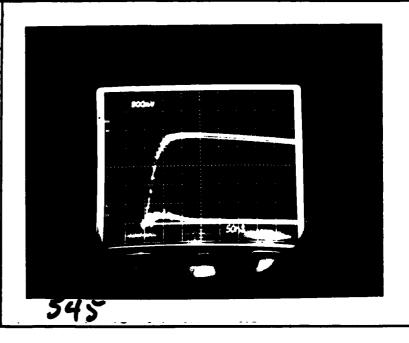


Date 6-	3-85
Test Point 47R	- CL - 110 - D
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical 5V (350) mV/dlv 1
Horizontal	ne/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	54%
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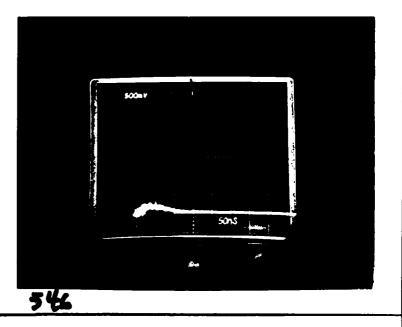
Date 6-3-85	
Test Point 47 - CL-	110-E
Amplification	dB
Attenuation	20 dB
Horizontal 50	ns/dlv 1
Vertical ,5V (950)	mV/div 1
Horizontal	ns/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level + 4500 V	
Data Link	
Comments:	575





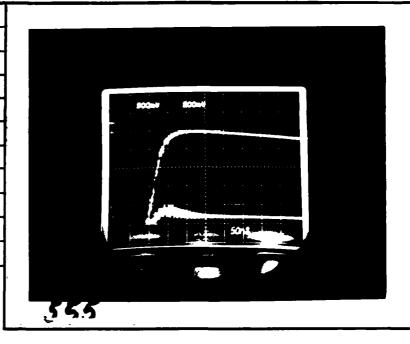
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Date 6-3	3-85	
Test Point HIR -	CL-1/10-E	
Amplification	dB	
Attenuation	20 dB	
Horizontal	50 ne/dlv 1	
Vertical ,5V(9	50) mV/dlv 1	
Horizontal	ns/dlv 2	
Vertical	ns/div 2	
Configuration		
Pulser Level - 4500 V		
Data Link		
Comments:	5-76	



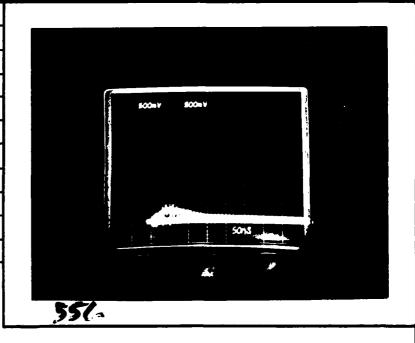
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Date 6-	3-85
Test Point 50 -0	
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical .5V(95	MV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	_
Pulser Level + 4500 V	
Data Link	
Comments:	555

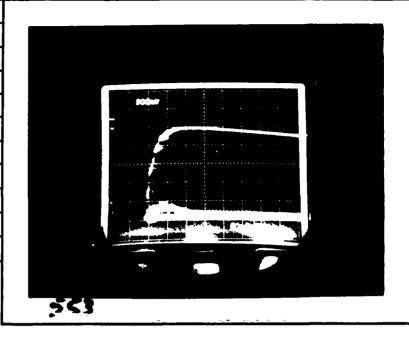




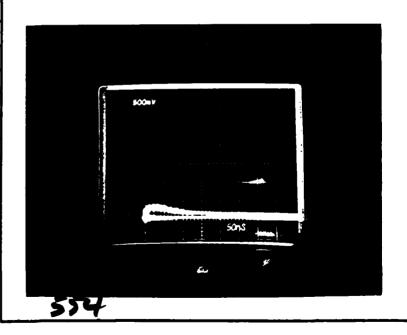
Date 6-	- 3-85
Test Point 50K	2-CL-1/10-A
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical ,5V	(9 <i>50</i>) mV/dlv 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	· - · ·
Pulser Level	- 4500 V
Data Link	
Comments:	5
	•



Date 6	-3-85
	CL- 1/10-B
Amplification	46
Attenuation	20 dB
Horizontal	50 ns/dlv 1
Vertical .5V -(9	SO) mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	553

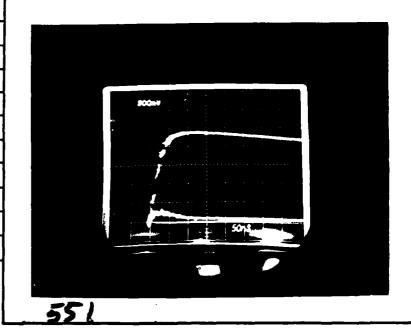


Date 6-	3-85
Test Point 50R	-CL-410-B
Amplification	₫₿
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical 5V (9	50) mV/dlv 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	
Pulser Level	t500 V
Date Link	
Comments:	55.

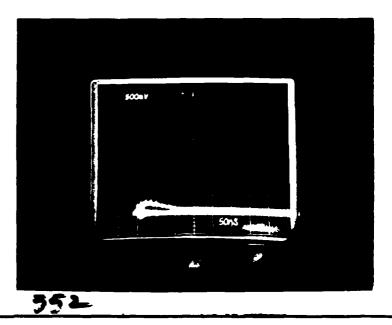


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Date 6-	3-85
Test Point 50-C	
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical .5V (95	D) mV/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	50

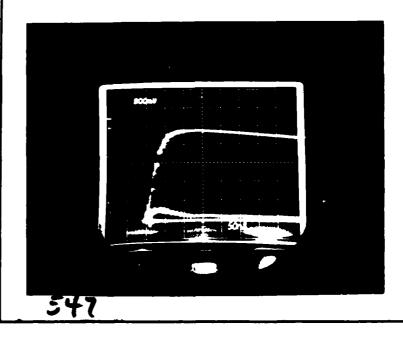


Date 6-	3-85	
Test Point 50g-		
Amplification	dB	
Attenuation	20 dB	
Horizontal	SO me/dly 1	
Vertical ,5VC	1 VID/VM (86)	
Horizontal	ns/div 2	
Vertical	ns/div 2	
Configuration		
Pulser Level - 4500V		
Data Link		
Comments:	559	



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Dete 6-	3-85	
Test Point 50 -	CL- 1/10-D	
Amplification	d 8	
Attenuation	20 dB	
Horizontal	50 ne/div 1	
Vertical 5V (45	mV/div 1	
Horizontal	ns/dly 2	
Vertical	ns/div 2	
Configuration		
Pulser Level +	4500V	
Data Link		
Comments:	547	
	,	

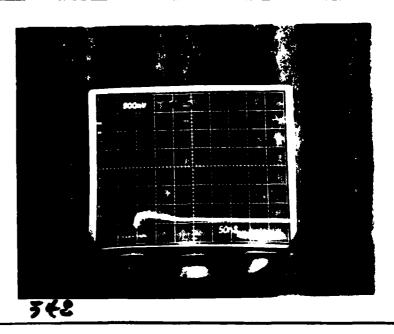


Date 6-	3-85	
Test Point 50R-	CL- 1/10-D	
AmpHication	dB	
Attenuation	20 ds	
Horizontal	50 ne/dlv 1	
Vertical ,SV (950) mV/div 1		
Horizontal	ns/div 2	
Vertical	ns/div 2	
Configuration		
Pulser Level	4500 V	
Data Link		
Comments:	575	

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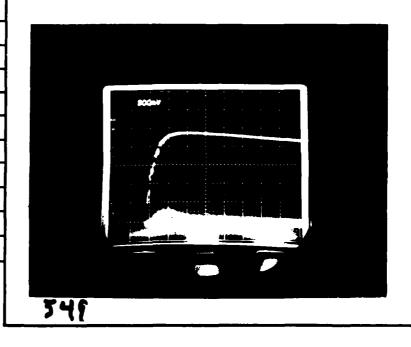
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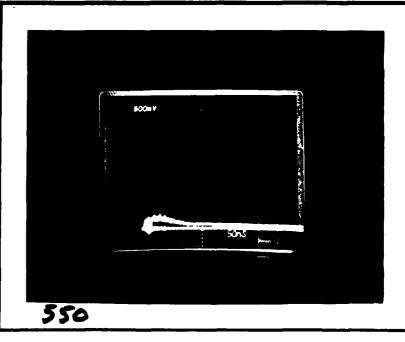


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Teel Point 50 -	CL-1/10-E
Amplification	48
Attenuetion	20 48
Horizontal	50 ne/div 1
Vertical ,5V (9	50) mV/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level -	- 4500 V
Data Link	
Comments:	52.0

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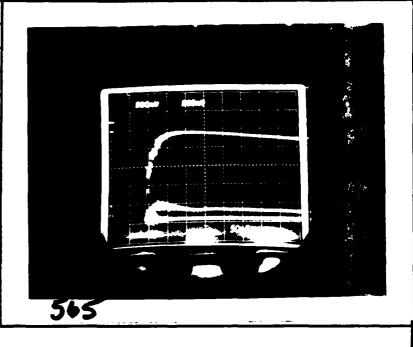


Date	6-3-85
Test Point 5	OR - CL - 1/10 - E
Amplification	dB
Attenuation	20 de
Horizontal	50 ne/dlv 1
Vertical ,50	/ (950) mV/div 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	- 4500V
Data Link	
Comments:	·

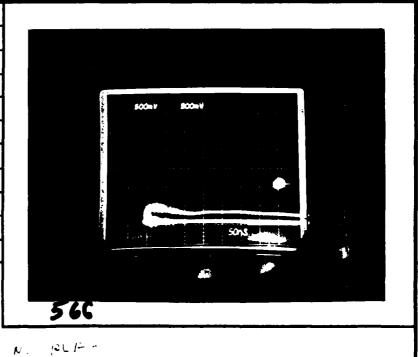


Date 6-	3-85	
Test Point 53-	CL - 1/10 - A	
Amplification	46	
Attenuation	20 dB	
Horizontal	50 ns/div 1	
Vertical ,5V (950) mV/div 1		
Horizontai	ns/div 2	
Vertical	ns/div 2	
Configuration		
Pulser Level +	4500 V	
Data Link		
Comments:	565	

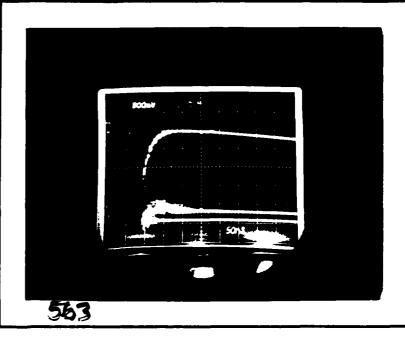
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Date 6-	3 - 85
Test Point 53 R	- GL - 1/10 - A
Amplification	đB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical 5/ (9	50) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500V
Data Link	
Comments:	534



Date 6-3-8	35
Test Point 53- CL	- Y10-B
Amplification	dB
Attenuation	20 dB
Horizontal 50	na/div 1
Vertical .5V (950)	m-V/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +45	00 V
Data Link	
Comments:	537

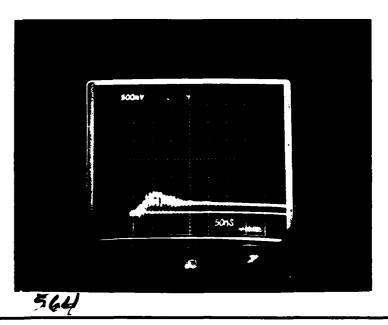


6-3-85 Date Test Point 53R-CL-110-B dB Amplification Attenuation dB 20 Horizontal ns/dlv Vertical 51 (950) mV/div 1 Horizontal ns/dlv 2 Vertical ns/div 2 Configuration **Pulser Level** -4500Y Data Link Comments:

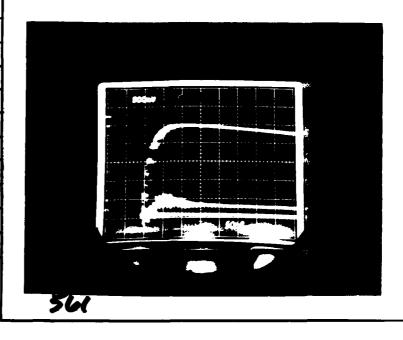
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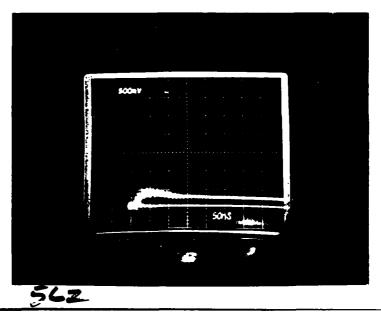
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Date 6-	3-85
Test Point 53-C	
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical 5/ (95	mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	56:



Date 6 -	3-85
Test Point 53R-	cl -1/10-c
Amplification	dB
Attenuation	20 ds
Horizontal	50 ne/div 1
Vertical ,5V(9	50) mV/dIv 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	



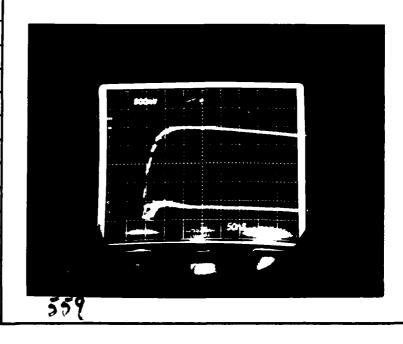
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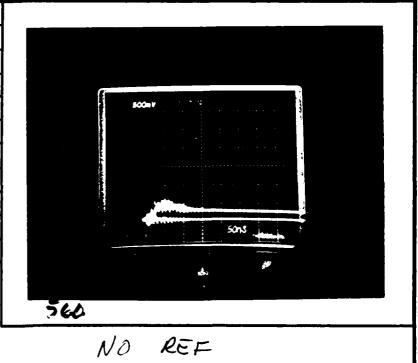
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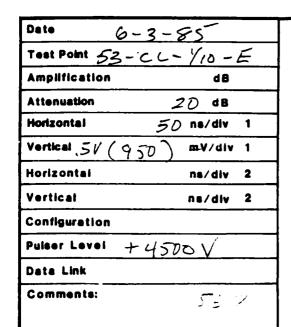
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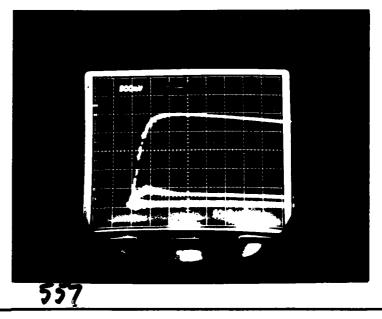
Date 6	-3-85
Test Point 53 -	
Amplification	dB
Attenuation	20 d8
Horizontal	50 ns/div 1
Vertical .5V (9	50) mV/dlv 1
Horizontai	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	557
	·



Date 6 -	3-85
Test Point 53R.	CL- 1/10-D
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical ,5V (950)mV/dIV 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	45000
Data Link	
Comments:	

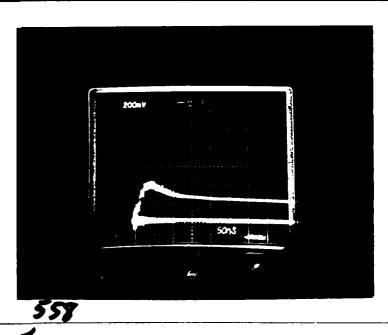




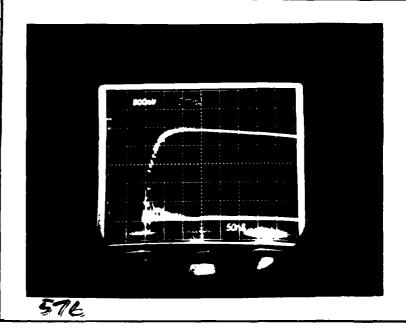


6-3-85 Date Test Point 53R-CL- 1/10- E dB Amplification 20 dB Attenuation 50 ma/dly 1 Horizontal Vertical 2V (950) mV/dlv 1 Horizontal ns/div 2 Vertical ns/dlv 2 Configuration Pulser Level - 4500 V Data Link vertual .2V (380) Comments:

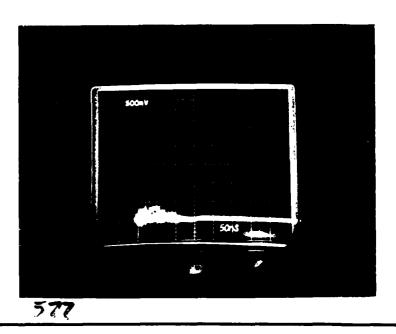
VERTICAL | 380V per DIVISION



Date 6-	3-85
Test Point 56-	CL- Y10- A
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V (9	mV/dlv 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	ر . مح م

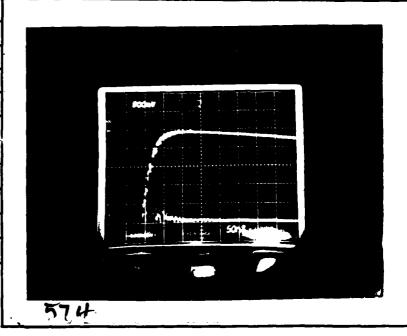


Date 6-3	3-85
Test Point 56R-C	L- 1/10 - A
Amplification	48
Attenuation	20 dB
Horizontal	50 na/dlv 1
Vertical ,5V (95	0 mV/dlv 1
Horizontal	ne/div 2
Vertical	ne/dlv 2
Configuration	
Pulser Level -4	500 V
Data Link	
Comments:	577

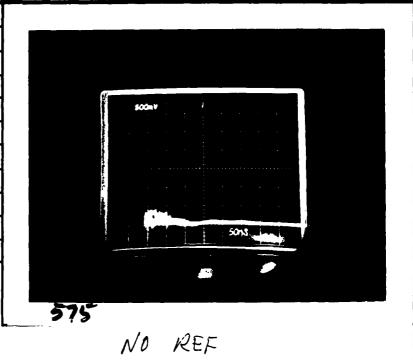


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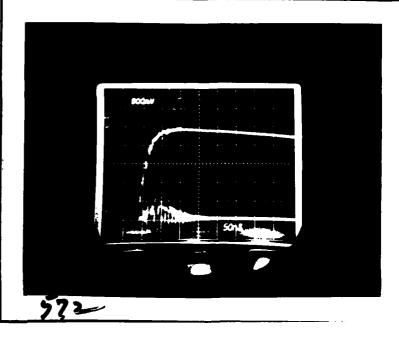
Date 6-	3-85
	-CL-1/10-B
Amplification	48
Attenuation	20 dB
Horizontai	50 ns/div 1
Vertical 5/	950) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level .	+4500 V
Data Link	
Comments:	



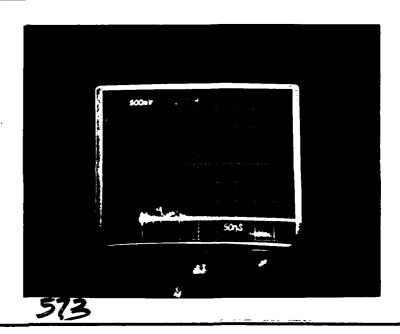
Date 6-3-8	5
Test Point 56R-CL	
Amplification	dB
Attenuation	20 dB
Horizontal 50	o ne/dlv 1
Vertical ,5V (950	mV/div 1
Horizontal	ns/div 2
Vertical	ne/dlv 2
Configuration	
Pulser Level - 450	ov
Data Link	
Comments:	575



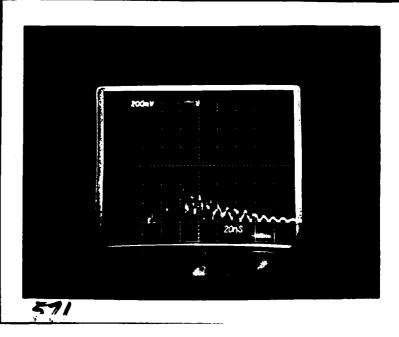
Date 6-	3-85
Test Point 56-CL-1(10-C	
Amplification	dB
Attenuation	20 dB
Horizontal	50 na/div 1
Vertical .5V (9	50) mV/div 1
Horizontai	ns/div 2
Vertical	ns/dlv 2
Configuration	
Pulsor Level +	4500 V
Data Link	
Comments:	



Date 6-3-85
Test Point 56R-CL-1/0-C d B Amplification Attenuation dB 20 50 ne/dly 1 Horizontal 5V (950) mV/div 1 Vertical Horizontal ns/div 2 Vertical ns/div 2 Configuration Pulser Level -4500 V Data Link Comments:



6-3-85 Dete Test Point 56R-CL-1/10-D Amplification dB Attenuation 20 dB Horizontal 20 na/div Vertical ,2V #V/dlv (380 Horizontal ns/div 2 Vertical ns/dlv Configuration Pulser Level a - 4500V Data Link Comments: 571



Date		
Test Point		
Amplification	48	
Attenuation	48	
Horizontal	ne/dlv	1
Vertical	mV/div	1
Horizontal	ns/div	2
Vertical	ne/dlv	2
Configuration		
Pulser Level		

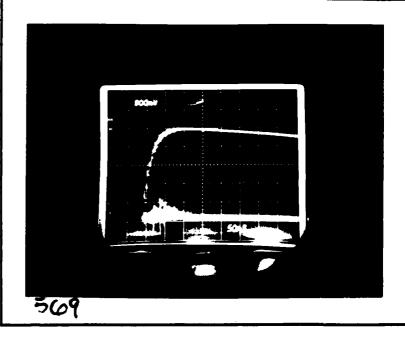
Comments:

Data Link

T.

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Date 6-3-	85
Test Point 56 - CL-	Y10-D
Amplification	dB
Attenuation	20 dB
Horizontal 50	ne/dlv 1
Vertical, 5V (950)	mV/div 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +450	01
Data Link	
Comments:	531

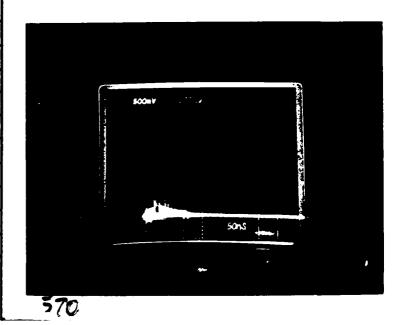




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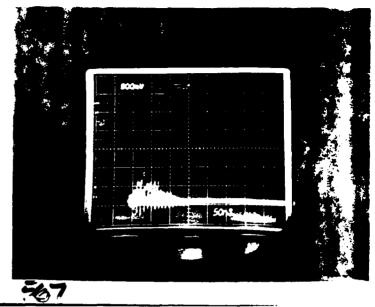
ANTI BEST SERVICE SERVICE SERVICE SERVICES SERVICES SERVICES SERVICES SERVICES

Date 6-	3-85
Test Point 56R.	-CL-110-D
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical 5/6	750) mV/dlv 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	



N: RIF-

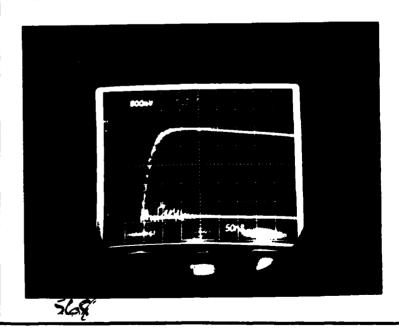
Date 6-	3-85
	CL- 110-E
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/div 1
Vertical .5 V (950	mV/div 1
Horizontal	ns/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level +4	500 V
Data Link	
Comments:	557



NO REF

Date 6-	3-85
Test Point 56R.	
Amplification	đB
Attenuation	20 dB
Horizontal	50 ns/dlv 1
Vertical ,5V (9	50) mV/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level -	4500V
Data Link	

Comments:



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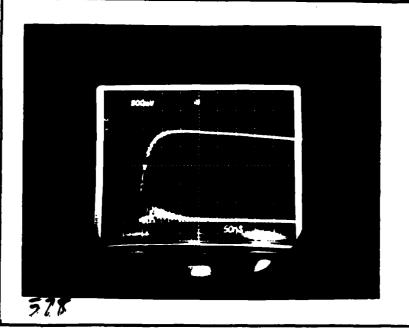
Date 6-3-85 Test Point 59 - CL - 1/10 -Amplification 20 dB Attenuation 50 ns/dlv Horizontal Vertical ,5V mV/dlv Horizontal ns/div 2 Vertical ns/div 2

Configuration

Pulser Level + 4500 V

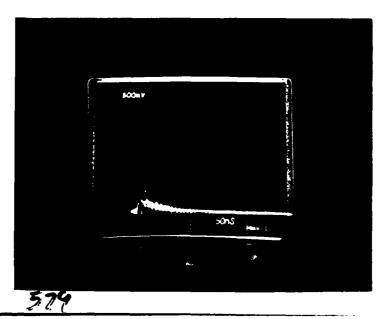
Data Link

Comments:





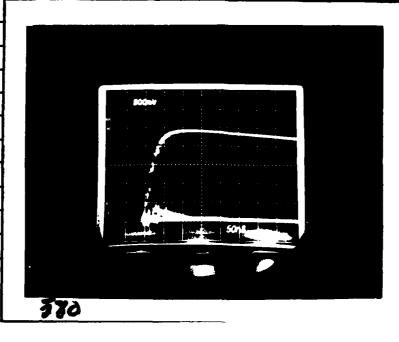
Date 6-	3-85
Test Point 594 C	
Amplification	48
Attenuation	20 de
Horizontal	50 ne/dlv 1
Vertical ,5V (9	50) mV/div 1
Horizontal	ns/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level -4500V	
Data Link	
Comments:	571.4
	•



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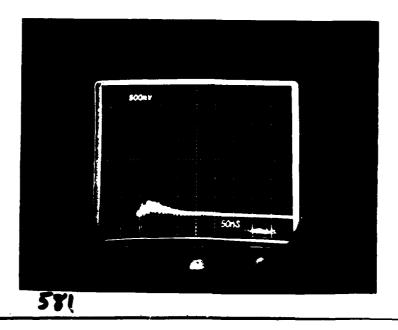


Date 6	- 3-85
Test Point 59 - (
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical .5V (9	50) mV/dlv 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level 4	4500 V
Data Link	
Comments:	· · · · · · · · · · · · · · · · · · ·



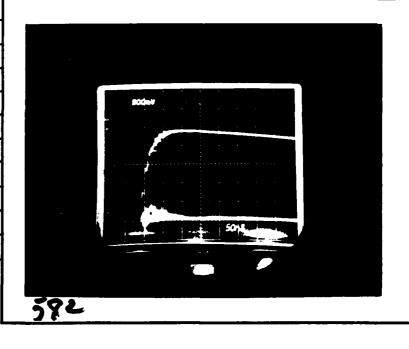


Date 6-3	- 82
Test Point 57R - CL- 110 - B	
Amplification	dB
Attenuation	20 dB
Horizontal ,5V (95))0/dlv 1
Vertical	mV/dlv 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level -4:	500 V
Data Link	
Comments:	5 %

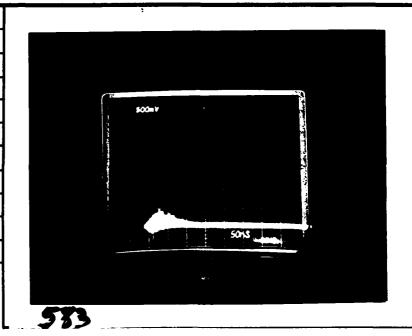


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Date 6	-3-85
Test Point 59 -	
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V (750) MV/dlv 1
Horizontai	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level	+4500V
Date Link	
Comments:	55.

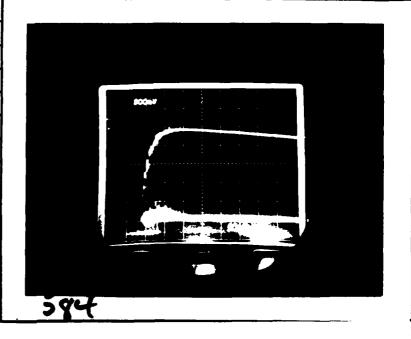


Date 6	-3-85
Test Point 59R	-CL- 1/10-C
Amplification	dB
Attenuation	20 48
Horizontal	50 me/dly 1
Vertical 5V	(950) mV/dlv 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	
Puiser Level _	4500 V
Data Link	
Comments:	5.



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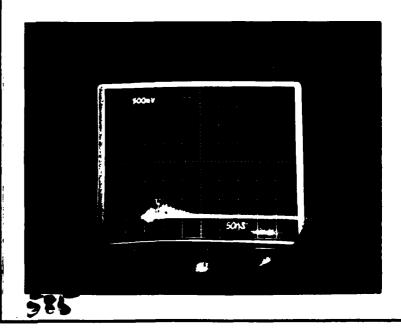
Date 6-3-85 Test Point 59 - CL- 10-D dB Amplification Attenuation dB 20 Horizontal ns/dlv 50 Vertical 5 mV/div 950V) Horizontal 2 ns/dlv Vertical ns/dlv 2 Configuration **Pulser** Level +4500 Data Link Comments:



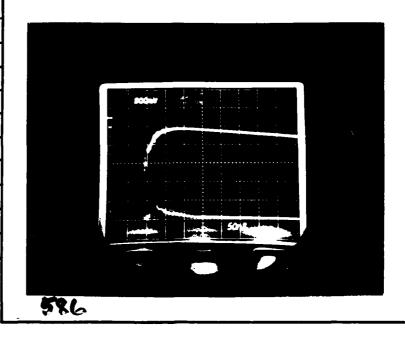


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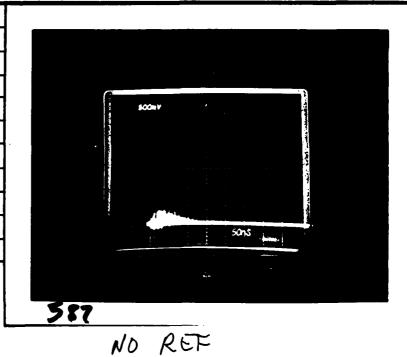
Date 6	-3-85
	-CL-1/10-D
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V (950) mV/dlv 1
Horizontal	ne/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level _	4500 V
Data Link	
Comments:	



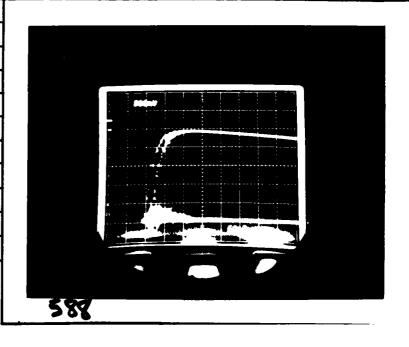
Date 6-3-85 59-CL- 1/10 -E **Test Point** Amplification dB **Attenuation** d B ns/div Horizontal 50 Vertical .5V (950 mV/dlv Horizontal ns/dlv Vertical ns/div Configuration Pulser Level + 4500 V Data Link Comments:



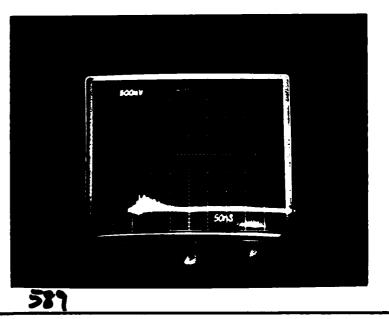
Date 6-	3-85		
	-CL-410-E		
Amplification	dB		
Attenuation	20 dB		
Horizontal	50 ne/dlv 1		
Vertical 5V (350) m/V/div 1		
Horizontal	ne/div 2		
Vertical	ns/div 2		
Configuration			
Pulser Level -4500 √			
Data Link			
Comments:			



Date 6-	3-85
Test Point 62 -	
Amplification	dB
Attenuation	20 48
Horizontal	50 ne/div 1
Vertical 5/ (950 mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	·
Pulser Level	-4500 V
Data Link	
Comments:	· ·

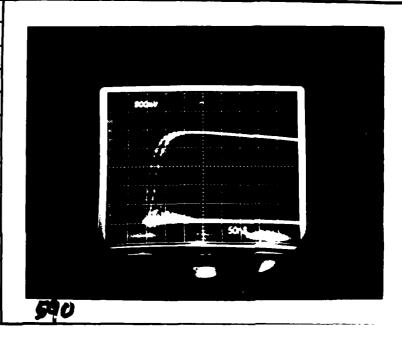


Date 6-	3-85
	2-GL-1/10-A
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/dlv 1
Vertical ,5V (950) mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level _	4500V
Data Link	
Comments:	, ** ** .

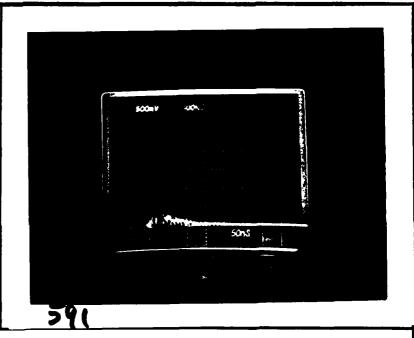


Date 6-	3-85
Test Point 62-	CL- 110-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/div 1
Vertical 5V (9	50) mV/div 1
Horizontal	ns/dlv 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500V
Data Link	
Comments:	ررس

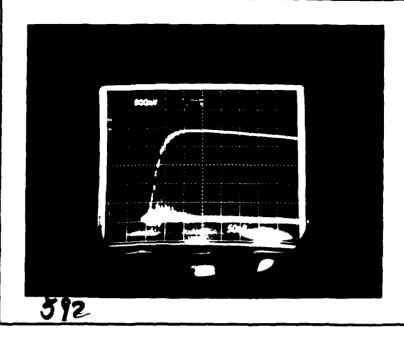
K.B.



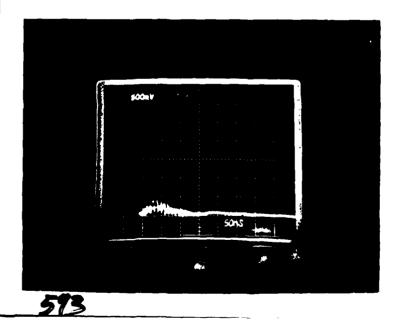
Date 6-	3-85
Test Point 62R-	CL-110-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical ,5V(9	50) mV/div 1
Horizontal	ne/dlv 2
Vertical	ns/dlv 2
Configuration	
Pulser Level _	4500 V
Data Link	
Comments:	



Date 6-	3-85
	CL-1/10-C
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical , 5V (9.	50) mV/dlv 1
Horizontai	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level +	4500V
Data Link	
Comments:	# 3 ·

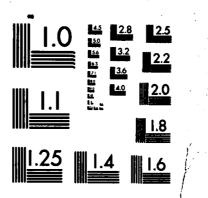


Date 6-	3-85	
Test Point 62 -	CL-1/10-C	
Amplification	dB	
Attenuetion	20 dB	
Horizontal	50 ne/dlv 1	
Vertical ,5V (C	(50) mV/dlv 1	
Horizontal	ns/div 2	
Vertical	ns/div 2	
Configuration		
Pulser Level - 4500 V		
Data Link		
Comments:	***	



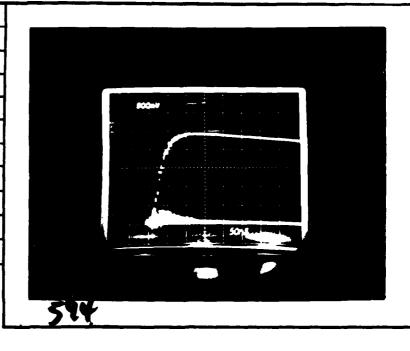
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UNCLASSIFIED	ARLINGTON NCS-TIB-8	5-10-VOL-3-		9-85-C-0010	F/G 28/14	USGO
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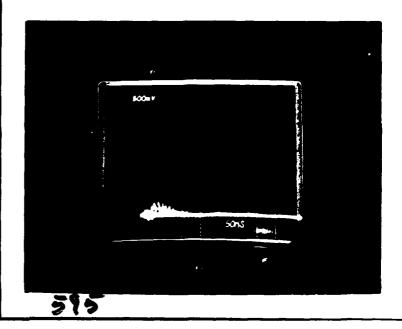
MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

Date 6-3-85
Test Point 62-C4-1/0-D Amplification dB Attenuation 20 dB ne/div Horizontal 50 Vertical mV/dlv 1 5V (950 Horizontal ns/dlv 2 Vertical ns/div 2 Configuration +4500 V **Pulser Level** Data Link Comments: 5...

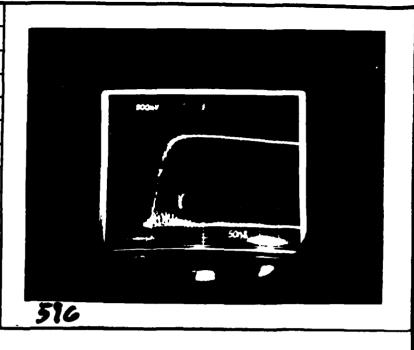


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Date 6-	3-85
Test Point 62R-	CL- 410-D
AmpHilication	dB
Attenuation	20 48
Horizontal	50 ne/div 1
Vertical .5V (9	SO mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level _	4500 V
Data Link	
Comments:	500-
}	



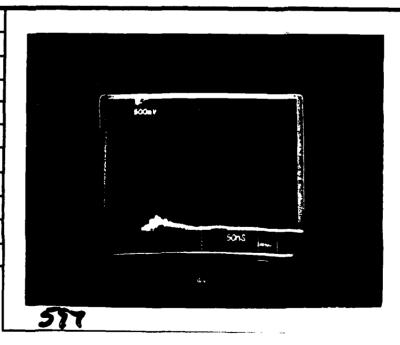
Date 6-3-85 62-CL- YOU-E Test Point Amplification Attenuation d B 20 Horizontal 50 ns/dlv Vertical .5V (950) mV/dlv 1 Horizontal 2 ns/dlv Vertical ns/dly 2 Configuration +4500V Pulser Level Data Link Comments:



6-3-85 Dete Test Point 62 R - CL - 1/10 - E Amplification Attenuetion 48 20 Horizontal ne/dlv 1 Vertical ,5V (950) mV/dlv 1 Horizontal ns/div 2 Vertical ns/div 2 Configuration Pulser Level

- 4500 V Data Link

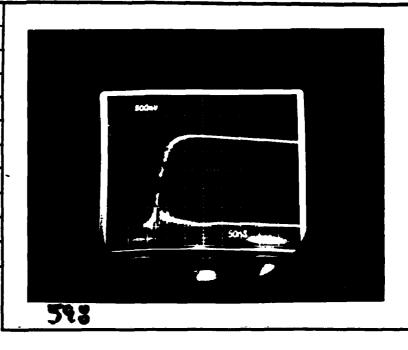
Comments:



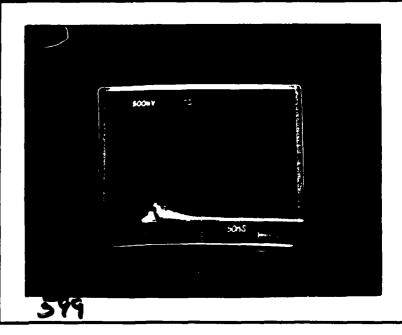
NO REF



Date 6-3-	85
Test Point 65 -CL-	
Amplification	dS
Attenuation	20 dB
Horizontal 5	O na/div 1
Vertical .5/ (950)	mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level + 450	00 V
Data Link	
Comments:	279.5



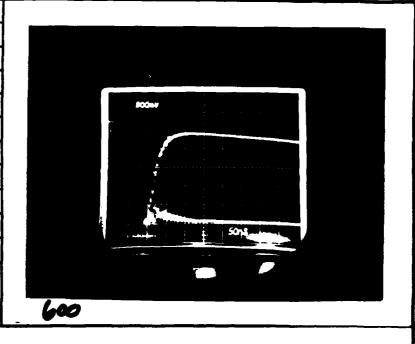
Date 6-3-	85
Test Point 65R-CL	- 1/10 - A
Amplification	dB
Attenuation	20 48
Horizontal 5	50 ne/dlv 1
Vertical .5V (950	mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level - 45	00V
Data Link	
Comments:	1700



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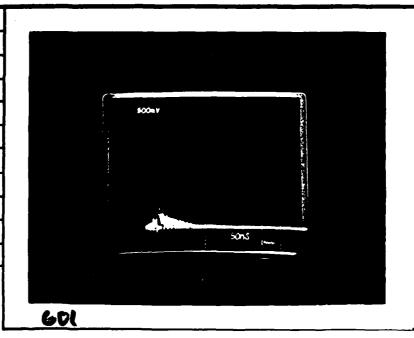


Date 6	-3-85
Test Point 65 -	CL-1/10-B
Amplification	d 8
Attenuation	20 dB
Horizontal	50 na/div 1
Vertical ,5V (9.	50) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	





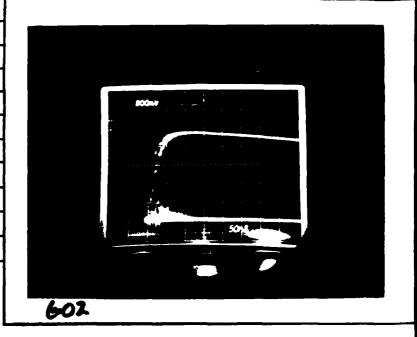
Date (d	-3-85
	2-CL-1/10-R
Amplification	d8
Attenuation	20 de
Horizontal	50 na/div 1
Vertical ,5V	(950) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level .	- 4500 V
Data Link	
Comments:	021





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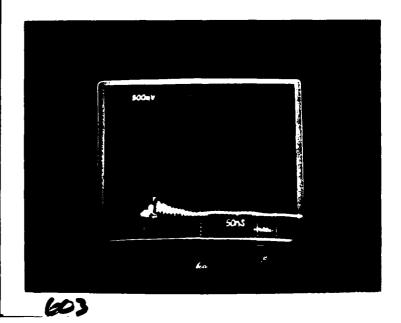
Date 6-	3-85
Test Point 65-	
AmpHication	48
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical , 5/ (9	(50) mV/dlv 1
Horizontai	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	6



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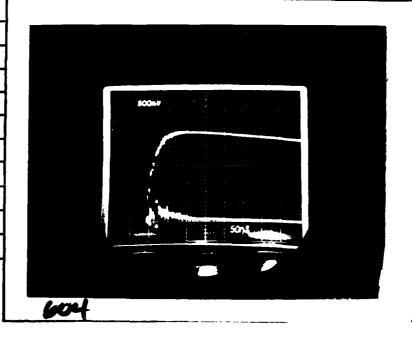
Date 6	- 3 - 85	
Test Point 65R-CL-1/10-C		
Amplification	dB	
Attenuation	20 48	
Horizontal	50 ne/dlv 1	
Vertical 5 V (750) mV/dlv 1	
Horizontal	ns/div 2	
Vertical	ns/div 2	
Configuration		
Pulser Level -	4500 V	
Dete Link		

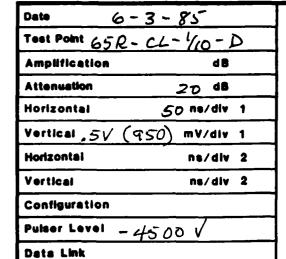


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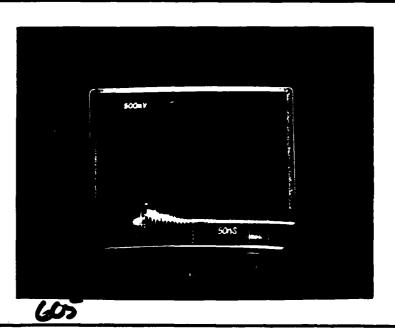
-85
L- 1/10 - D
dB
20 dB
50 ne/div 1
MV/dlv 1
ns/div 2
ns/div 2
500 V
604



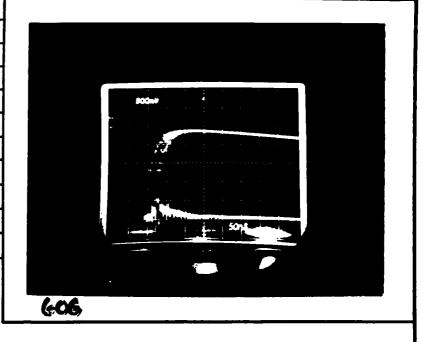


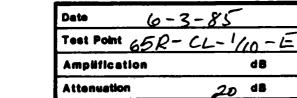
Comments:

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-85 -1/10-E
48
20 dB
O ne/div 1
) mV/div 1
ns/div 2
ns/div 2
00 V
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d**B** *5*0 ne/div 1 Horizontal

.5V (950) mV/dlv 1 Vertical

Horizontal ns/div 2

Configuration

Pulser Level +4500

Data Link

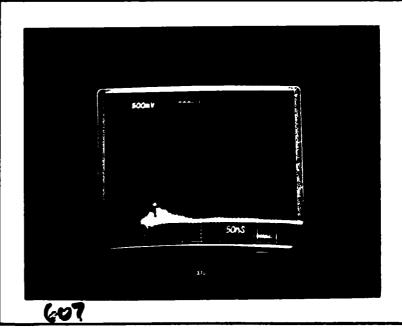
Vertical

Comments:

627

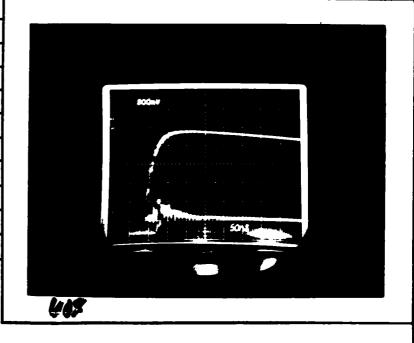
dB

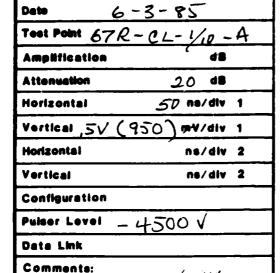
ns/dlv 2



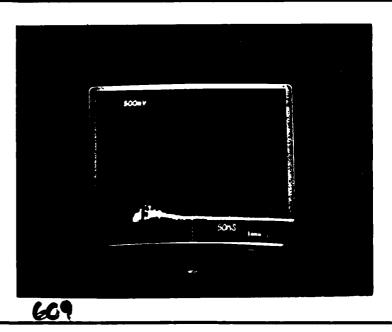
NO REF

6-3-85 Date Test Point 67-CL-1/10-A Amplification 20 dB Attenuation Horizontal 50 ne/div Vertical ,5/ (950) mV/dlv Horizontai ns/div 2 Vertical ns/div 2 Configuration Pulser Level + 4500 Data Link Comments: 605

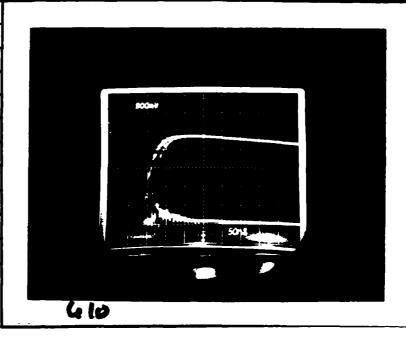




60%

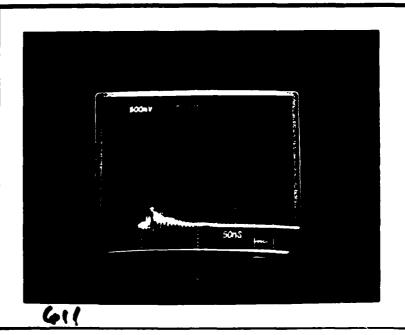


Dete 6-	3-85
Test Point 67-	CL-1/10-B
Amplification	d 8
Attenuation	.20 dB
Horizontal	50 na/div 1
Vertical 5V (9.	50) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	6.0



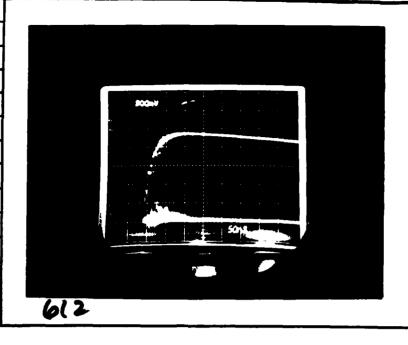


	Dete 6-	3-85
ر دون	Test Point 67-	CL-1/10-B
	Amplification	dB
	Attenuation	20 48
	Horizontal	50 ne/dlv 1
	Vertical, 5V (9:	SO) MV/dlv 1
	Horizontal	ns/div
	Vertical	ns/div
	Configuration	
	Pulser Level +	4500 V
	Data Link	
	Comments:	6.0
	1	
ALL.		
Q •		
Q •	Date 6-	3-85
D •	Date 6- Test Point 67 R-	3-85 BL-110-E
1		
Î.	Test Point 67 R-	BL - 1/10 -1
·	Test Point 67R-	6L - 1/10 - E dB 20 dB
·	Test Point 67R- Amplification Attenuation	6L - 1/10 - E dB 20 dB 50 ne/div 1
	Test Point 67R- Amplification Attenuation Horizontal	6L - 1/10 - 1 dB 20 dB 50 ne/div 1 950 mv/div 1
·	Amplification Attenuation Horizontal Vertical	6L - 1/10 - H dB 2D dB 50 ne/div 1 ne/div 2
·	Test Point 67R- Amplification Attenuation Horizontal Vertical ,5V (6L - 1/10 - H dB 2D dB 50 na/div 1 na/div 2
	Test Point 67R- Amplification Attenuation Horizontal Vertical , SV (Horizontal Vertical Configuration	6L - 1/10 - H dB 2D dB 50 na/div 1 na/div 2
	Test Point 67R- Amplification Attenuation Horizontal Vertical , SV (Horizontal Vertical Configuration	6L - 1/10 - 1 dB 20 dB 50 ne/div 1 ne/div 2 ne/div 2
	Test Point 67R- Amplification Attenuation Horizontal Vertical , SV (Horizontal Vertical Configuration Pulser Level	6L - 1/10 - 1 dB 20 dB 50 ne/div 1 ne/div 2 ne/div 2
	Test Point 67R- Amplification Attenuation Horizontal Vertical Foreign SV (Horizontal Vertical Configuration Pulser Level — Date Link	6L - 1/10 - 1 dB 20 dB 50 ne/div 1 ne/div 2 ne/div 2
	Test Point 67R- Amplification Attenuation Horizontal Vertical Foreign SV (Horizontal Vertical Configuration Pulser Level — Date Link	6L - 1/10 - F dB 2D dB 50 ne/div 1 ne/div 2 ne/div 2 4500V
	Test Point 67R- Amplification Attenuation Horizontal Vertical Foreign SV (Horizontal Vertical Configuration Pulser Level — Date Link	6L - 1/10 - F dB 2D dB 50 ne/div 1 ne/div 2 ne/div 2 4500V
₹ ₹.	Test Point 67R- Amplification Attenuation Horizontal Vertical Foreign SV (Horizontal Vertical Configuration Pulser Level — Date Link	6L - 1/10 - F dB 2D dB 50 ne/div 1 ne/div 2 ne/div 2 4500V
	Test Point 67R- Amplification Attenuation Horizontal Vertical Foreign SV (Horizontal Vertical Configuration Pulser Level — Date Link	6L - 1/10 - F dB 2D dB 50 ne/div 1 ne/div 2 ne/div 2 4500V
	Test Point 67R- Amplification Attenuation Horizontal Vertical Foreign SV (Horizontal Vertical Configuration Pulser Level — Date Link	6L - 1/10 - F dB 2D dB 50 ne/div 1 ne/div 2 ne/div 2 4500V
	Test Point 67R- Amplification Attenuation Horizontal Vertical Foreign SV (Horizontal Vertical Configuration Pulser Level — Date Link	6L - 1/10 - F dB 2D dB 50 ne/div 1 ne/div 2 ne/div 2 4500V

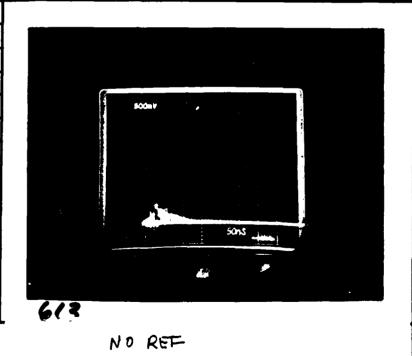


REF NO

Date 6-	<u>3-85</u>
Test Point 67 -	CL-110-C
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V (750) mV/dlv 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	_
Pulser Level +	4500 V
Deta Link	
Comments:	613



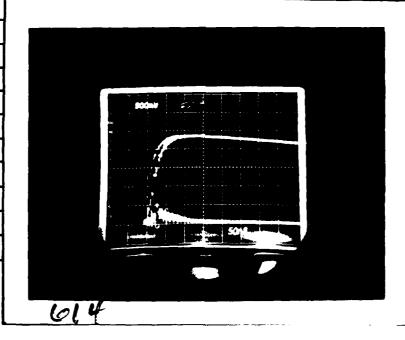
Date 6-3	3 - 85
Test Point 67R-	CL-1/10-C
Amplification	d 8
Attenuation	20 de
Horizontal	50 ne/dlv 1
Vertical ,5V (9	SO) mV/dlv 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulsor Lovel	4500 V
Deta Link	
Comments:	



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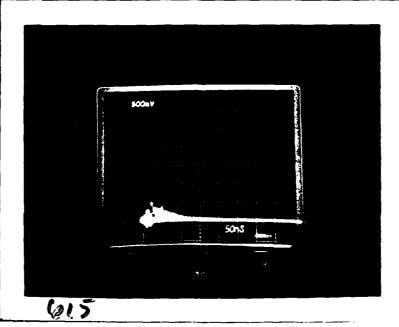
WAY STATES, ANDERSON BEAUTION

Date	6-3-85
Test Point 67	1-CL-1/10-D
AmpHilcation	46
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V	(950) mV/dlv 1
Horizontei	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	+ 4500 V
Deta Link	
Comments:	614



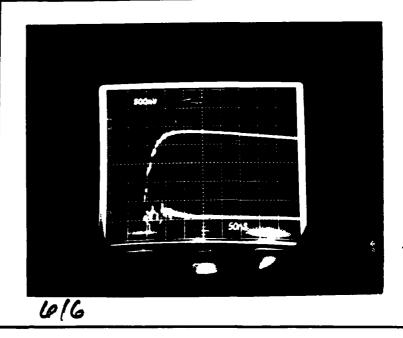


	Comments:	614
Annes (a) Deservation deservation deservation deservation deservation deservations	Dete 6 -	3-82
	Test Point 67 R -	
E	Amplification	48
7	Attenuation	20 de
	Horizontal	50 ne/div 1
X	Vertical ,5V (950) mV/div 1
	Sorizontal	ne/div 2
	Vertical	ns/dlv 2
	Configuration	
	Pulser Level _	4500V
Ĝ	Date Link	
B254483	Comments:	615
• ESSESSE		

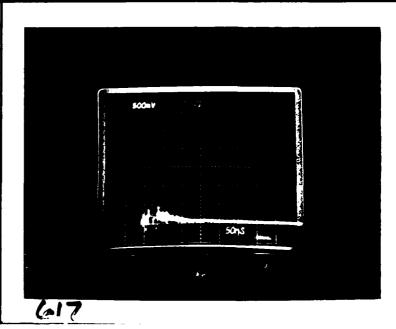


NO REF

Date 6-	3-85
Test Point 67-	
Amplification	dß
Attenuation	20 dB
Horizontal	50 na/div 1
Vertical ,5V (9	50) mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	4



Date 6-3	3 - 85
Test Point 67R-	CL-1/10-E
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V (9	50) mV/dlv 1
Horizontal	ns/div 2
Vertical	ne/dlv 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	6.1



NO REE

6-4-85 Dete Test Point 68-CL-110-A Amplification Attenuation 20 48 50 ns/dlv 1 Horizontal Vertical .5 / (950)mV/div 1 Horizontal ns/dly Vertical 2 ns/dly Configuration +4500 V Pulser Level Data Link Comments: 728

728

LOAD RESISTOR

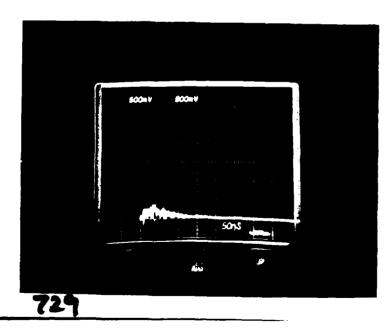
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DEVICE +

LUADED WITH 3 FERRITE BEADS - (TYPE I -C (73 MATERIAL) FAIR-RITE PRODUCTS CORP

6-4-85 Date Test Point 6XR -CL - 1/10 -A Amplification Attenuation 20 de Horizontal SO ne/div 1 Vertical , 5 V (950) mV/div 1 Horizontal ne/div 2 Vertical ns/div 2 Configuration Pulser Level _ 4500 V Date Link Comments: 729



3 BEADS ON LOAD -WM

Date 6-4-85 Test Point 68 - CL - 110 - A Amplification dB Attenuation 20 dB 20 ns/div Horizontal **Vertical** mV/dlv .LV (190 Horizontal ns/div 2 Vertical ns/dlv Configuration +4500 V Pulser Level Data Link Comments: 727

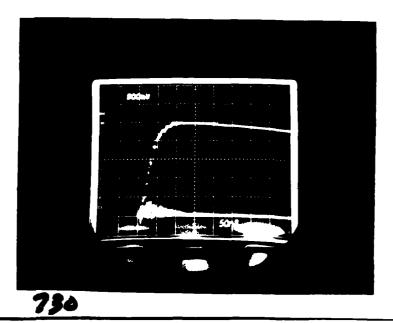
100mv 200mv 20ns

LOAD RESISTOR HAS 3 BEADS .



Date		
Test Point		
Amplification	dB	
Attenuation	dB	
Horizontal	ne/div	1
Vertical	mV/dlv	1
Horizontal	ns/div	2
Vertical	ns/dlv	2
Configuration		
Pulser Level		
Data Link		
Comments:		

Date 6-4-	
Test Point 68-CL -	- 410 - B
Amplification	48
Attenuation	20 dB
Horizontal 57	ne/div 1
Vertical .5V (950)	mV/div 1
Horizontal	ns/div 2
Vertical	ns/dly 2
Configuration	
Pulsor Lovel +45	00
Data Link	
Comments:	720



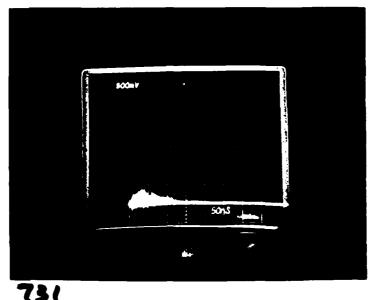
BEADS ON LOAD --



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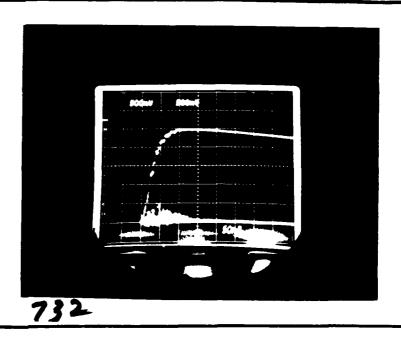
Date 6-	4-85		•	
Test Point 68R-	CL- Y10-B			
Amplification	dB			
Attenuation	20 48		Ċ.	
Horizontal	50 ne/div		9	SCOMY
Vertical , SV C9	SO) mV/div			
Horizontal	ns/div		ł	
Vertical	ne/dlv	2	Ė,	
Configuration				
Pulser Level c	4500 V			
Date Link				
Comments:				
			731	



3-BEADS ON LOAD ---

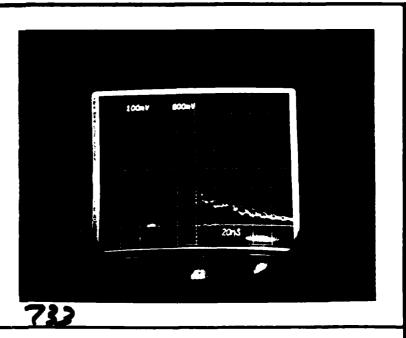


Date 6-	-4-85
Test Point 68 -	CL-1/10-C
Amplification	48
Attenuation	20 48
Horizontai	50 ne/div 1
Vertical ,5V(750) mV/div 1
Horizontal	ne/div 2
Vertical	ns/dlv 2
Configuration	
Pulsor Level	-4500 V
Data Link	
Comments:	



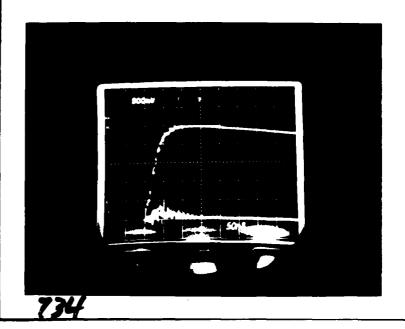
3 BEADS ON LOAD -WW-

Date 6-4	t-85	
Test Point 68R-	CL- 1/10-C	
Amplification	48	
Attenuation	20 ds	
Horizontal	25 ma/div 1	
Vertical . LV (190V) mV/div 1		
Horizontal	ne/dlv 2	
Vertical	ne/div 2	
Configuration		
Pulser Level -4500 V		
Data Link		
Comments:		



3 BEADS ON LOAD ---

	f-85
Test Point 68 -	cr- 410-D
Amplification	dB
Attenuation	20 48
Hortzontal	50 ne/div 1
Vertical ,5V (950) mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level -	-4500 V
Data Link	
Comments:	ファム



3 BETADS ON LUAD -WW-

Date 6-	4-85	
Test Point 68R-CL 1/20 - D		
Amplification	48	
Attenuation	20 48	
Horizontal	20 ne/dly 1	
Vertical .1V (190V)=V/div 1		
Horizontal	ne/div 2	
Vertical	ne/div 2	
Configuration		
Pulser Level - 4500 V		
Deta Link		
Comments:	730	

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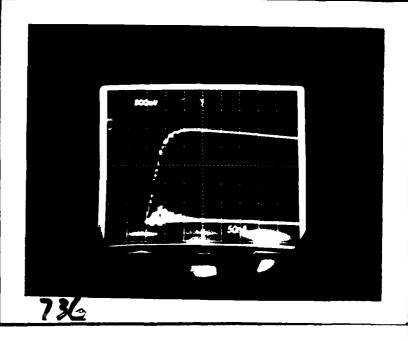
433



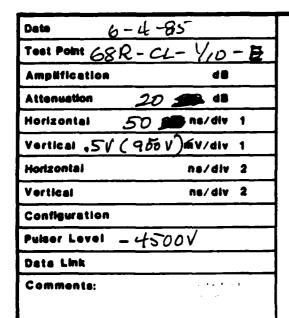
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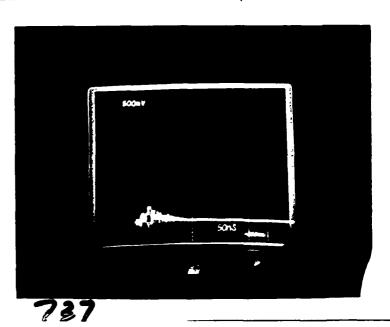
3 BEADS ON LOAD ---

Date 6-	-4-85	
Test Point 68-	CL-110-E	
Amplification	48	
Attenuation	20 48	
Horizontal	50 ns/div 1	
Vertical, 5V (9	950V) W/div 1	
Horizontal	. ns/dly 2	
Vertical	ns/dlv 2	
Configuration		
Pulser Level +4500 V		
Data Link		
Comments:		



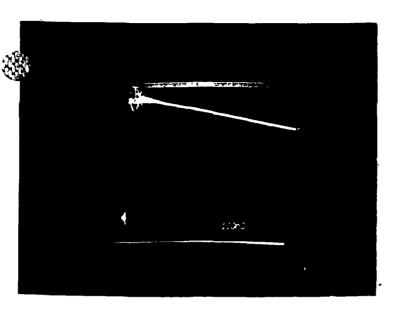
3 BEADS ON LOAD -WM-





3 BEADS ON LOND - WWW





Section of the sectio

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978

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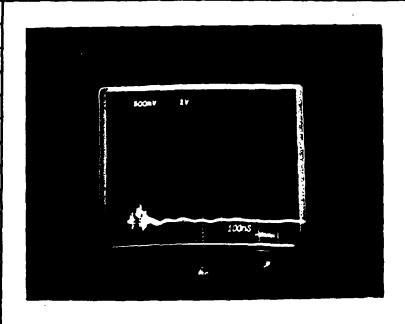
.

REF ON BACK

Date 5-28-	85	
Test Point 70-BL-	10-K	
Amplification	0 48	
Attenuation	20 48	
Horizontal 100	ns/dlv 1	
Vertical 5V(1200V)		
Horizontal	ne/div 2	
Vertical	ne/div 2	
Configuration		
Pulsor Level 4,5 KV		
Deta Link		
Comments:	328	

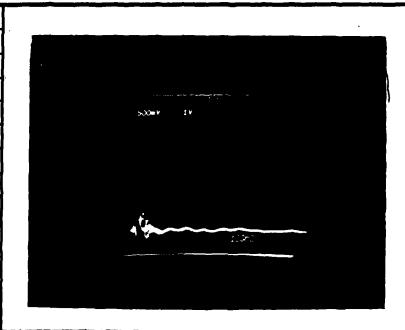
4.5 KY

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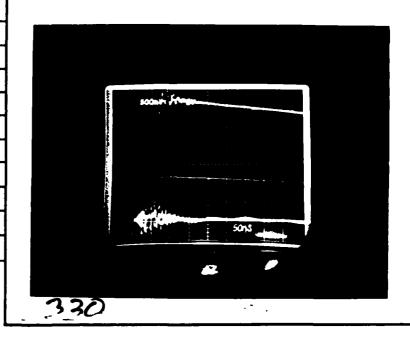
* ALL FOLLOWING PULSES REFLECT SCOPE PREAMP ERROR OF INDICATING ETWICE THE ACTUAL VOLTAGE IT IS REALLY 600V per JUISION

Dete 5-	28-85	
Test Point 70R-		
AmpHilcation	0 48	
Attenuation	20 48	
Horizontal /	0 ne/dlv 1	
Vertical ,5V(1	2007 Jewaly 1	
Horizontal	ns/div 2	
Vertical	ne/div 2	
Configuration		
Pulger Level 4.5KV		
Data Link		
Comments:	329	



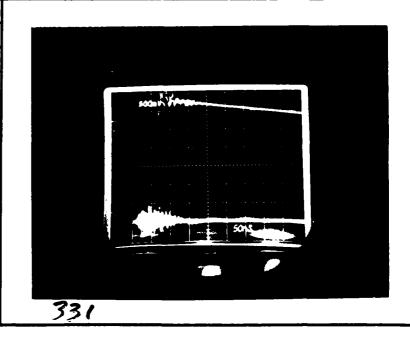
* 600 V /dIV

	Dete 5-28	-85
	Test Point 70-	-85 3L-1/0-L
	AmpHilcation	O 48
	Attenuation	20 dB
	Horizontal 50	ne/div 1
*	Horizontal 50 Vertical .5V(12)	DOV)mV/dIV 1
ŀ	Horizontal	ne/div 2
	Vertical	ns/div 2
	Configuration	
	Pulser Level 4.5KY	
	Deta Link	
	Comments:	330
- [TONA!	

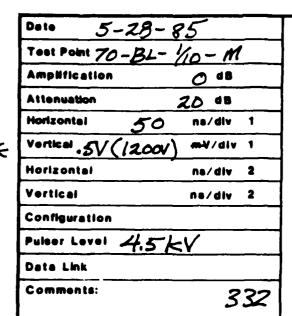


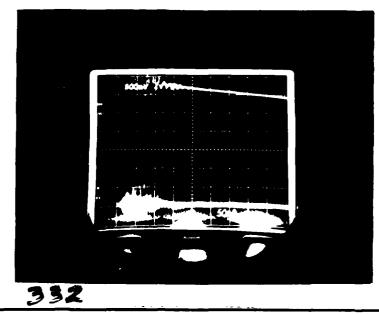
600 V/AN

Date 5-28	9-85	
Test Point 70R-B		
AmpHilcation	OdB	
Attenuation	20 ds	
Horizontal 50		
Vertical, 5V(1200	00) mV/dlv 1	
Horizontal	ne/dlv 2	
Vertical	ns/div 2	
Configuration		
Pulser Level 4.5KV		
Data Link		
Comments:	33/	



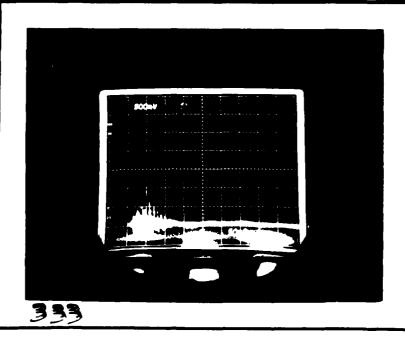
* 600 V/div



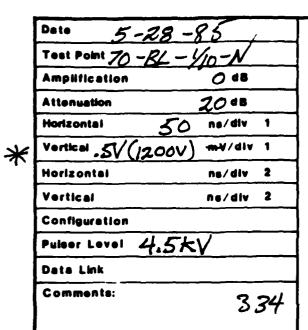


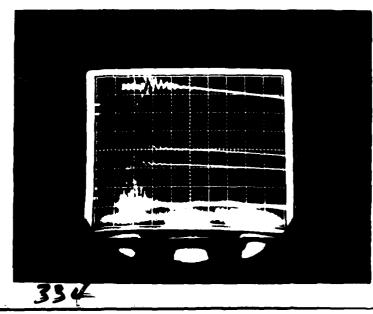
* 600 V/diV

	Date 5-28	-85	
	Test Point 70R-BL-1/10-M		
	Amplification	Ø 4B	
	Attenuation	20 dB	
	Horizontal 5	O ne/div 1	
*	Vertical ,5V(/2	act my/div 1	
7	Horizontal	ne/div 2	
	Vertical	ns/div 2	
	Configuration		
	Pulser Level 4.5KV		
	Data Link		
	Comments:	333	
,		ادر	



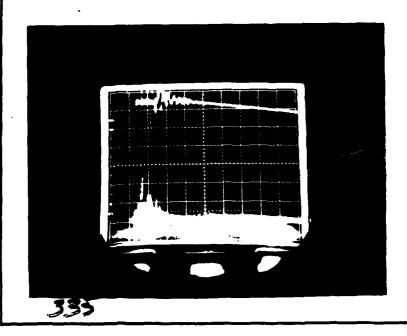
No REF + 600 V/dIV





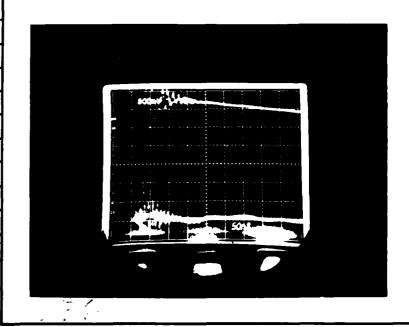
* 600 V/div

!	Date 5-28	8-85
	Test Point 70R-B	L-10-N
	Amplification	OdB
	Attenuation	20 48
	Horizontal 5	
*	Vertical .5V(12	OOV) WHO I
	Horizontal	ne/div 2
	Vertical	ns/dlv 2
	Configuration	
	Pulser Level 42	5KV
	Data Link	
	Comments:	335



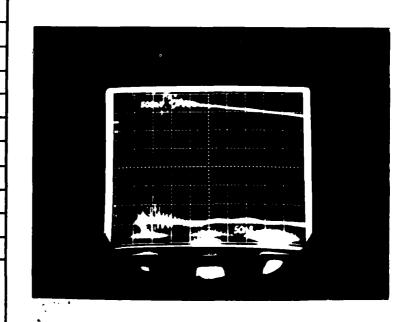
* 600 V/div

Date 5-28	7-85
Date 5-28 Test Point 70-8	L-1/10-0
Amplification	O 48
Attenuation	20 dB
Horizontal 3	O ne/div 1
Vertical . 5V(120	301) mY/div 1
Horizontal	ns/div 2
Vertical	ne/dlv 2
Configuration	
Pulser Level 4	5kV
Data Link	
Comments:	336



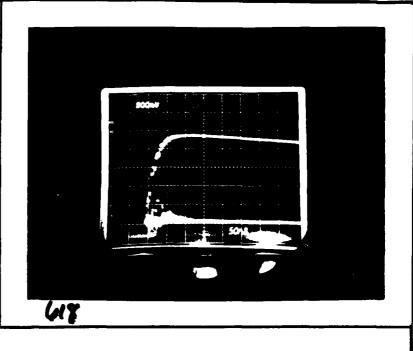
* 600 V/dIV

Date 5-28	-85
Test Point 70R-BL	-10-0
AmpHilcation	O 48
Attenuation	204
Horizontal 50	ne/dlv 1
Vertical . 5V(1200	OV)mV/div 1
Horizontal	ns/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level 45k	₹ /
Data Link	
Comments:	337

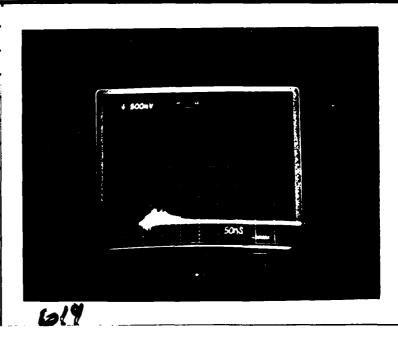


* 600 V/dIV

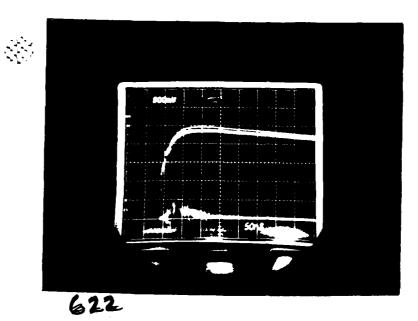
Date 6-3	3-83
Test Point 7/- C	L- 410-A
Amplification	48
Attenuation	20 dB
Horizontal	50 ns/div 1
Vertical ,5V (95	mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	1500 V
Data Link	
Comments:	



Date 6-3-85
Test Point 7/R-CL-1/10-A Amplification dB Attenuation 48 ne/dlv 1 Horizontal 50 Vertical ,51 (950 mV/dlv 1 Horizontal ns/div 2 Vertical ne/dlv 2 Configuration Pulser Level -4500 V Data Link Comments:

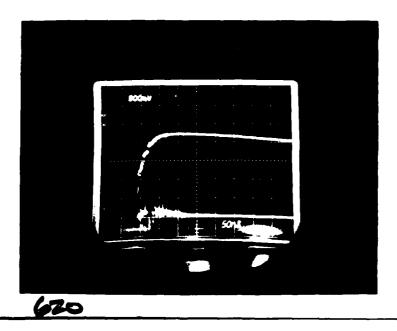


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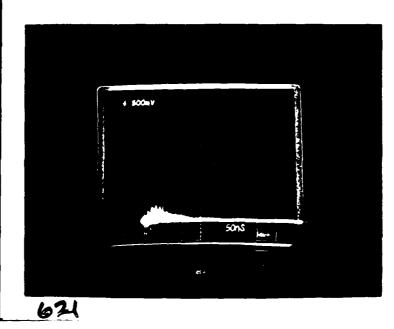
_	
Date 6	-3-85
Test Point 7/-	CL- 1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 na/div 1
Vertical ,5/ (950) mV/div 1
Horizontei	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	-4500 V
Data Link	
Comments:	620

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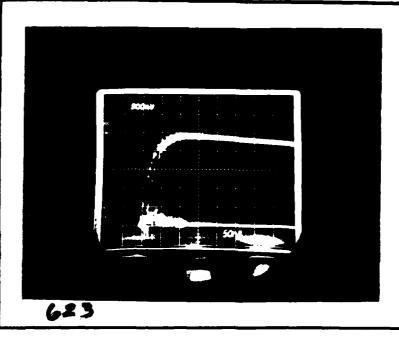
SEE 622 ON BACK FOR REF. _ VOLTAGE ADJUSTED

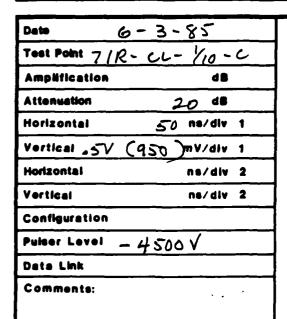
Date 6-	3-85
Test Point 7/R-	CL-1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical ,5V (750) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level _	4500 V
Data Link	
Comments:	6=1

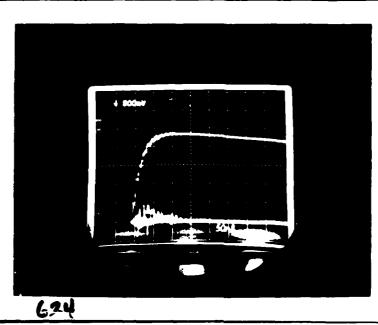


NO REF

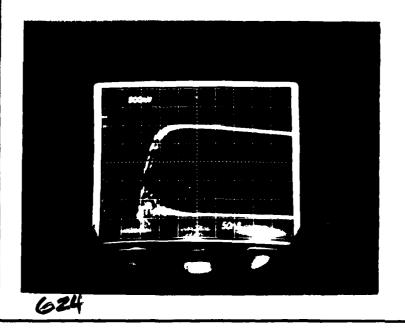
Date 6-3-85 Test Point 71- CL- 1/10-C Amplification Attenuation d B 20 57 ne/div Horizontal Vertical 5V (950 mV/dlv Horizontal ns/dlv 2 Vertical ns/div Configuration Pulser Level + 4500 Data Link Comments: 623





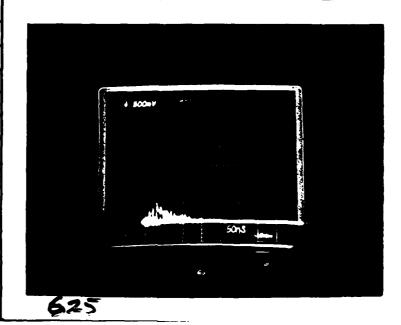


Date 6-	3 - 85
Test Point 7/-	CL-1/10-D
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V (9	50) mV/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulcer Level +	4500 V
Data Link	
Comments:	U . 7



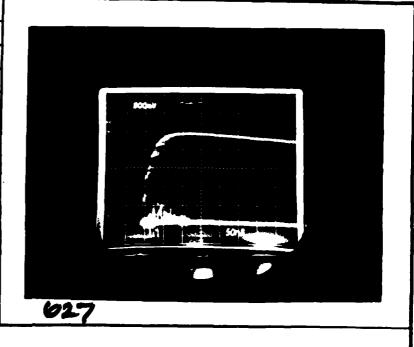
Date 6-	3-85
Test Point 7/R-	CL- 1/10 - D
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V (450) mV/dlv 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level —	4500 V
Data Link	
Comments:	

N. T.



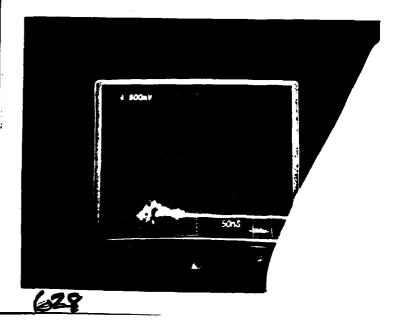
NO REF

Date 6-	3 - 85
Test Point 7/-	CL-1/10-E
AmpHilcation	48
Attenuation	20 dB
Horizontal	50 na/div 1
Vertical .5V (750) mV/div 1
Horizontal	ne/div 2
Vertical	ne/dlv 2
Configuration	
Pulser Level 7	-4500 V
Deta Link	
Comments:	



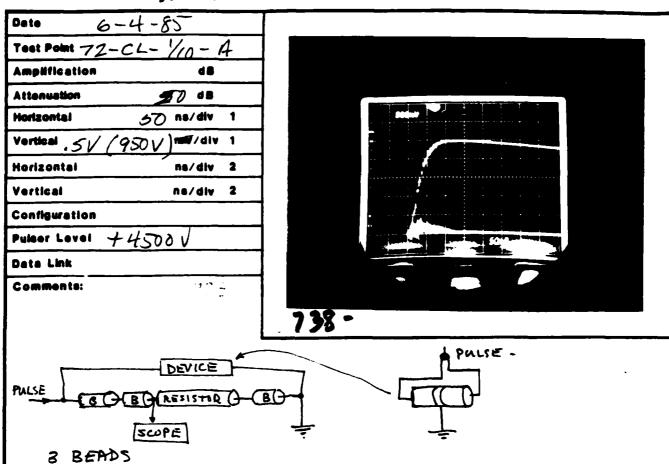
Date 6	-3-85
Test Point 7/R -	- CL-1/10-E
Amplification	dB
Attenuation	20 48
Horizontal	50 ne/dlv 1
Vertical ,5V (950)mV/div 1
Horizontel	ne/dlv 2
Vertical	ns/dlv 2
Configuration	
Pulser Level _	4500 V
Date Link	
Comments:	<i>6.</i>

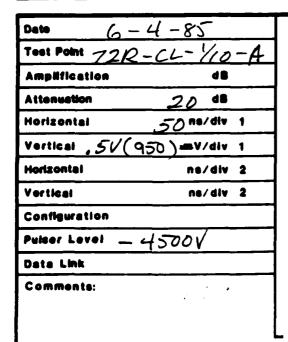
ANO ESSERVINO ESTRES DE SERVINO **4.**

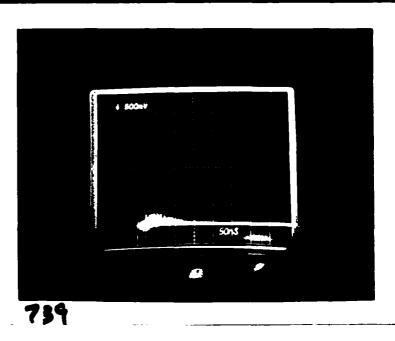


NO REF

- EXTRA -

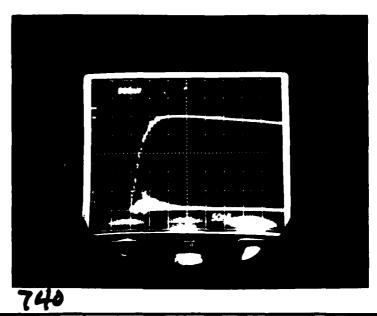






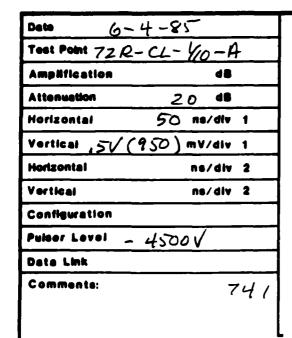
Date 6-4	1-85
Test Point 72-C	L-1/10- A
AmpHilication	dB
Attenuetion	20 48
Hortzontal	50 ne/dly 1
Vertical .5V (95	O) arV/div 1
Horizontal	ne/dlv 2
Vertical	ns/dly 2
Configuration	
Pulser Level +4	500 V
Data Link	
Comments:	740

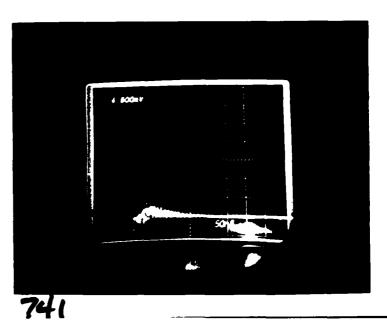
(1)



PULSE COCO UNATTACHED

SCORE

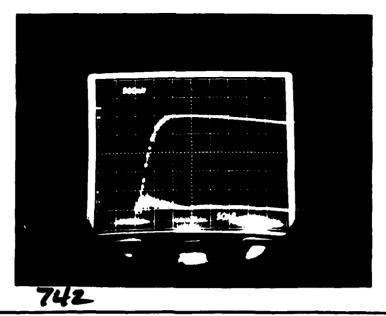




3-BEADS ON LOAD ---

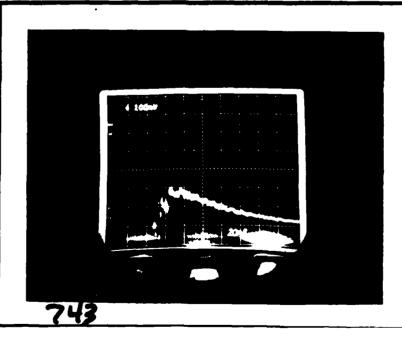
	4-85
Test Point 72	-CL-1/10-B
Amplification	dB
Attenuation	20 48
Hertzontal	50 ne/div 1
Vertical ,5V (950) mV/dlv 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	
Pulsor Lovel _	+42000
Deta Link	
Comments:	77.4

Q.



3 BEADES ON LOAD -WM

6-4-85 Date Test Point 72R-CL- 1/20-B 48 Amplification Attenuetion dB 20 ne/dly Horizontal Vertical .LV (190) mV/dlv Horizontal ne/div 2 Vertical ne/dly 2 Configuration +4500 V Pulser Level Date Link Comments: 77

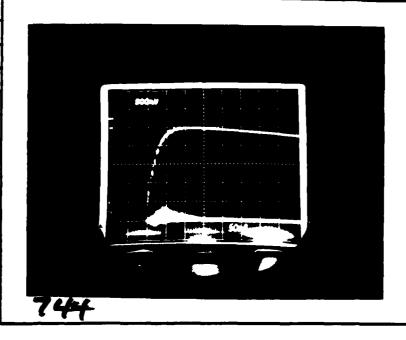


3 BEADS ON LOAD - MM-

Date 6-4.	- 85
Test Point 72 -C	L- 1/10-C
Amplification	48
Attenuation	20 48
Horizontal 🚙	50 ns/div 1
Vertical .5V (9:	0)m4/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulsor Level + 4-5	00
Data Link	
Comments:	

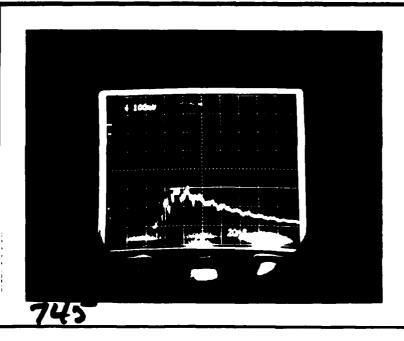
AND PROPERTY OF STANKE OF STANKE OF STANKE STANKE STANKES OF STANKES

Q.



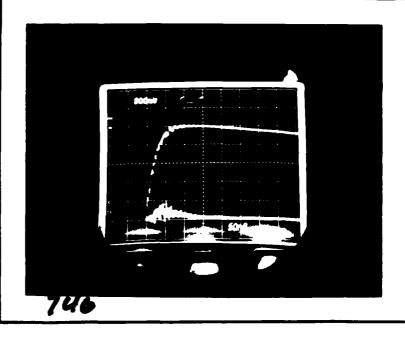
3-BEADS ON LOMD ---

Date 6-6	4-85
Test Point 72R	-CL- 1/20-C
Amplification	48
Attenuation	20 48
Horizontal	20 ns/div 1
Vertical .LV ((90) mV/dlv 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	
Pulser Level	4500V
Data Link	
Comments:	. —

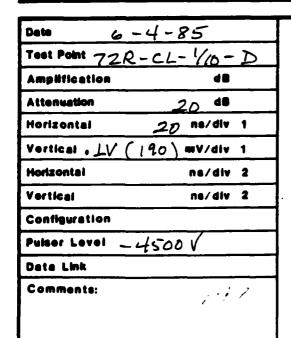


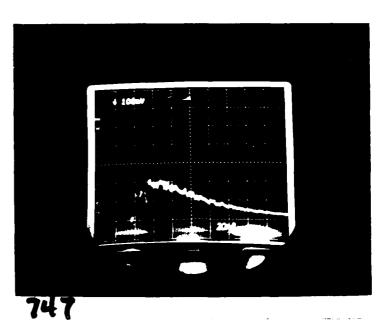
3 BEADS ON LOAD -WM-

) - Q	
48	
d B	
div 1	
dlv 1	
div 2	
div 2	
Pulser Level + 4500V	
7 + ;	



3 BEADS ON LOAD -WW-



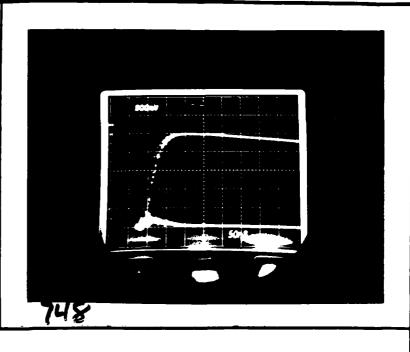


3 BEADS ON LOAD -WM-

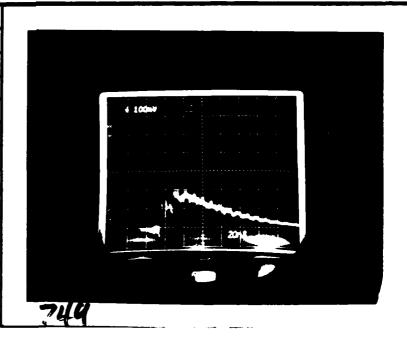
Date 6-4	(-85	
Test Point 72-C	L-1/10-E	
Amplification	48	
Attenuetion	20 48	
Herizontal	50 ne/div 1	
Vertical . 5V (9	50) mV/dlv 1	
Horizontal	ne/div 2	
Vertical	ns/div 2	
Configuration		
Pulser Level + 4500 V		
Dete Link		
Comments:	749	
	*	

1....

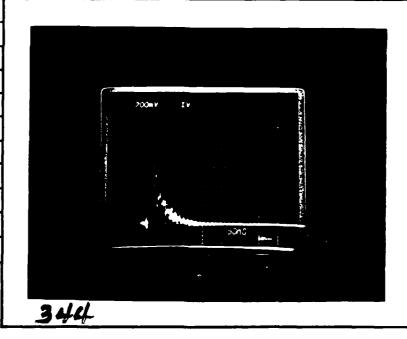
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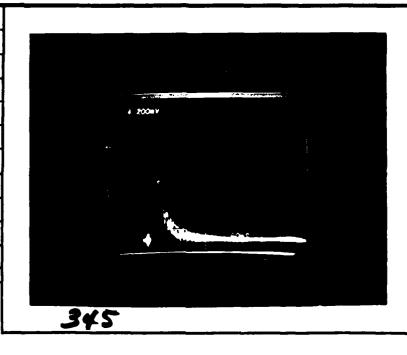
Date 6 -L	1-82
Test Point 72R-	CL- Y10 - E
Amplification	48
Attenuation	20 ds
Horizontal	20 ne/dlv 1
Vertical .LV (190) mV/dlv 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level _4500V	
Deta Link	
Comments:	777
	• •



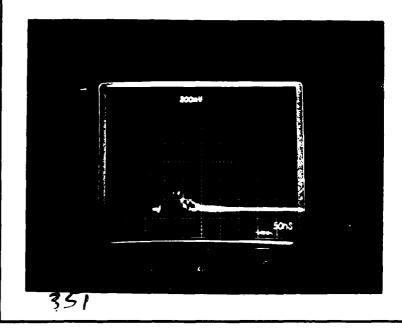
9-85
L- 1/10-0
0 48
20 dB
O ne/div 1
√) m¥7div 1
ne/div 2
ns/div 2
4.5KV
344



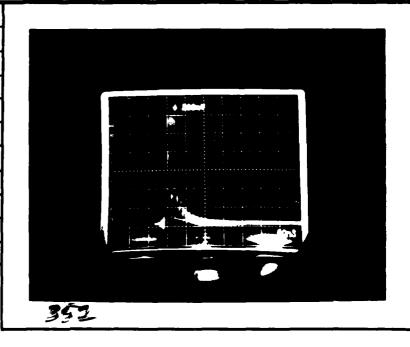
Date 5-29-	85
Test Point 74R-CL-	1/10-B
AmpHilcation	OdB
Attenuation	20 48
Horizontel 50	ne/div 1
Vertical . 2V(480V)	₩V/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level _45K	V
Data Link	
Comments:	345



Date 5-2	29-85
Test Point 74-	CL-1/0-0
Amplification	0 48
Attenuation	20 48
Horizontal	50 ne/dlv 1
Vertical .2V(4	780V) mV/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level +	4500V
Data Link	
Comments:	351



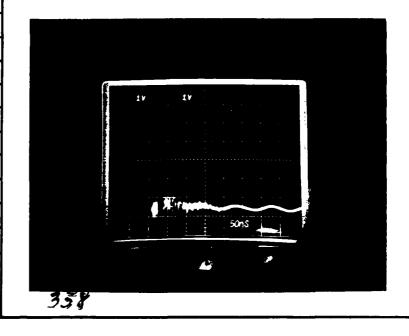
Date 5-	29-85
Test Point 74R.	-CL-1/10-Ø
Amplification	Ø 4B
Attenuation	20 18
Horizontal	50 ne/dlv 1
Vertical .2V(4	80V) mV/dlv 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	-
Pulser Level4	4500V
Data Link	
Comments:	352
ı	<i></i>



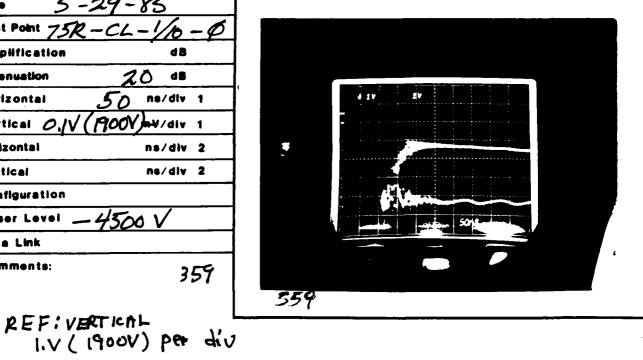
REF. PULSE = Vertical

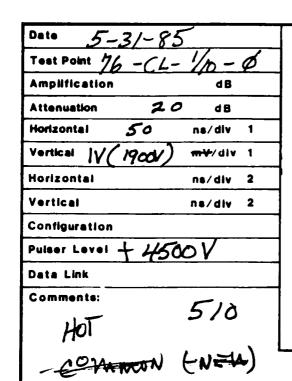
Dete 5	-29-8	35	
Test Point 75			0
Amplification		O dB	_
Attenuation	20	d B	
Horizontal	50	ns/dlv	1
Vertical ./	(190dV)	mV/dIv	1
Horizontal		ns/div	2
Vertical		ns/div	2
Configuration			
Pulser Level + 4500V			
Data Link			
Comments:		358	

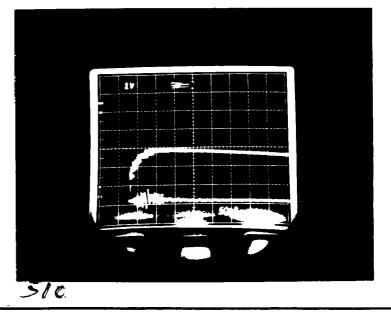
47.7



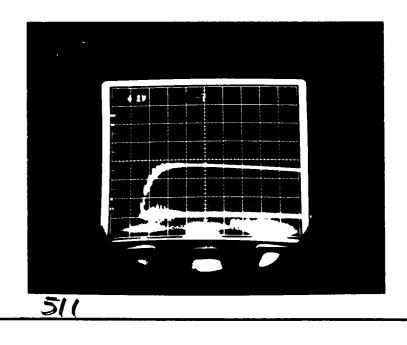
Date 5-2	29-85	
Test Point 75R -	-CL-1/0-0	
AmpHilcation	₫B	
Attenuation	20 48	
Horizontal	50 ne/dlv 1	
Vertical O./V(/	900V my/div 1	
Horizontal	ns/dlv 2	
Vertical	ns/dlv 2	
Configuration		
Pulser Level -4500 V		
Data Link		
Comments:	359	







Date 5-3/	-85
Test Point 76R-	CL-110- Ø
Amplification	dB
Attenuation	20 ds
Horizontal 5	O ne/dlv 1
Vertical /V(190	OV) my/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level 4	4500V
Data Link	
Comments:	511
HOT	
CONCWAIN	(NEW)



Test Point 78-CU-10-A

Amplification dB

Attenuation 20 dB

Horizontal 50 ns/dlv 1

Vertical 5V (950) mV/dlv 1

Horizontal ns/dlv 2

Vertical ns/div

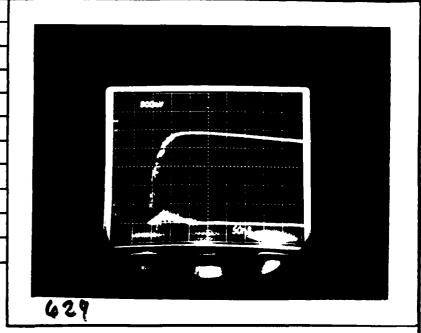
2

Configuration

Pulser Level + 4500 V

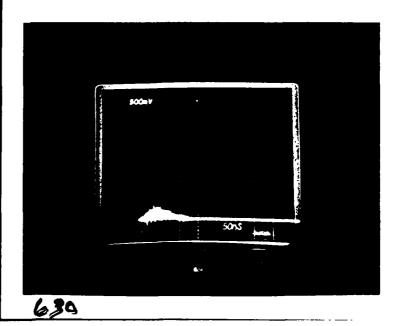
Data Link

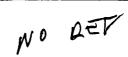
Comments: 429





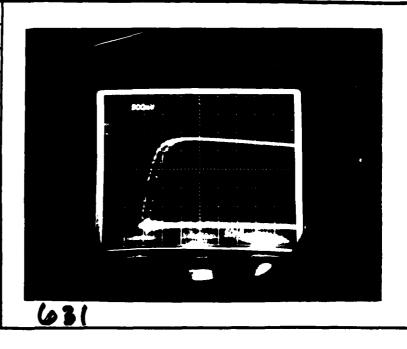
Date 6-3	- 85
Test Point 78R-	CL-1/0-A
Amplification	d B
Attenuation	20 dB
Horizontal	SO ne/dlv 1
Vertical ,5/(95	(0) FV/dIV 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	620
	-



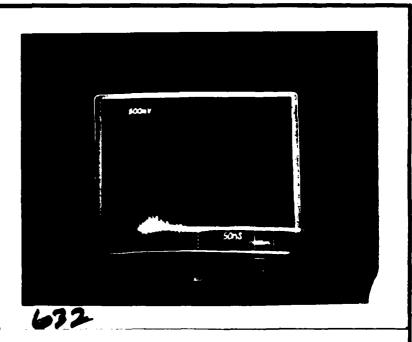


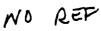
Date 6-3	1-85
Test Point 78 - C	L-1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical ,5V (95	TO) MV/div 1
Horizontai	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	631

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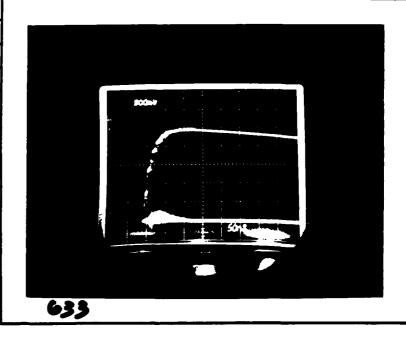


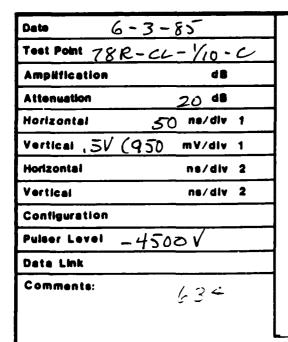
Comments:	631
Date 6-3	3-85
Test Point 78 R-	CL - 110-B
Amplification	48
Attenuation	20 ds
Horizontal	50 ne/dlv 1
Vertical 15V (9	
Horizontal	ns/div 2
Vertical	ne/div 2
	-200 V
	-
comments:	
1	
[
1	
	Date 6-7 Test Point 78 R- Amplification Attenuation Horizontal Vertical 5V (9 Horizontal

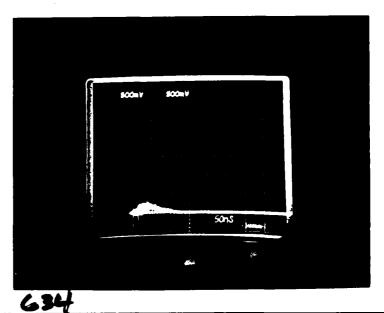




Date 6-3	K-85
Test Point 78 - 0	-L- 1/10-C
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V (95	MV/dlv 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	
Pulser Level +	1500 V
Deta Link	
Comments:	633

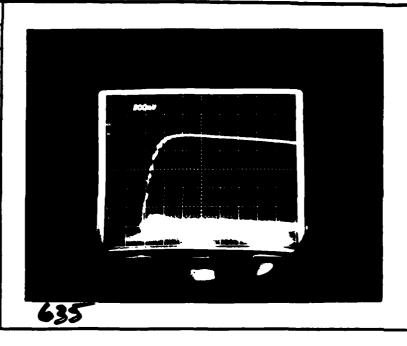






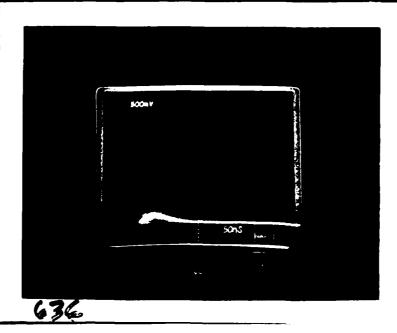
NO REF

Date 6-#-85 Test Point 78-CL-1/10-D Amplification d B Attenuation dB Horizontal 50 ne/dly Vertical ,5V (950) mV/dlv 1 Horizontal ns/dlv 2 Vertical ns/dlv Configuration +4500 V Pulser Level Data Link 325 Comments:



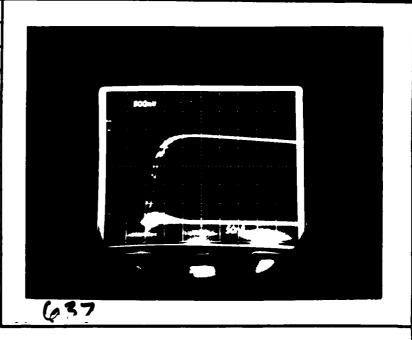


Date 6-	3-85	
Test Point 78R-CL-1/10-D		
AmpHilestion	dB	
Attenuation	20 dB	
Horizontal	50 ne/div 1	
Vertical ,5V (950)mV/div 1		
Horizontal	ns/div 2	
Vertical	ns/div 2	
Configuration		
Pulser Level -4500V		
Data Link		
Comments:	626	





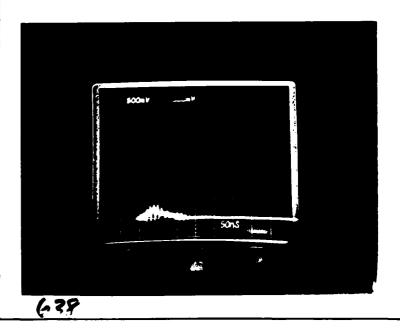
Date 6-4-85
Test Point 78-CL-1/0-E Amplification 20 dB Attenuation ne/div Horizontal 50 Vertical .5V = (950) mV/div 1 Horizontai 2 ns/div Vertical 2 ns/dlv Configuration Pulser Level + 4500 Data Link Comments: 627





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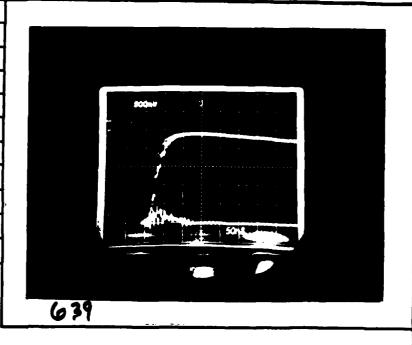
	· · · · · · · · · · · · · · · · · · ·
Date 6	-3 -85
Test Point 78	-3-85 R-c'L-1/10-E
Amplification	dB
Attenuation	20 ds
Horizontal	50 ne/dlv 1
Vertical ,5V(750) mV/dlv 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level —	4500 V
Data Link	
Comments:	<u>- ح</u>



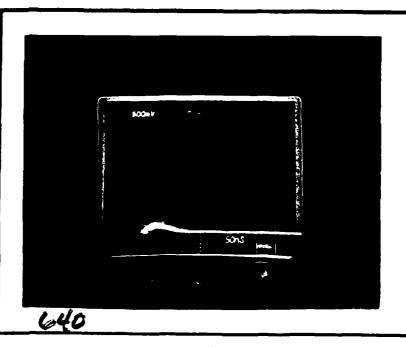
NO REF

Dete 6-4-85 Test Point 81-CL-1/10-A Amplification Attenuation 20 48 Horizontal 50 ne/div Vertical ,5V (950) mV/div 1 Horizontal ns/dly 2 Vertical ns/dly Configuration Pulser Level +4500 V Data Link Comments: £39

C



6-4-85 Dete Test Point 8/R - CL - 1/10 - A dB Amplification Attenuation dB 20 ne/dlv 1 Horizontal 50 Vertical 5V (950 mV/dlv 1 Horizontal ns/dlv 2 Vertical ns/dlv 2 Configuration Pulser Level 4500 Data Link Comments:

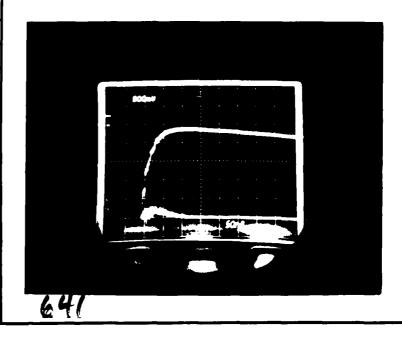


NO REP

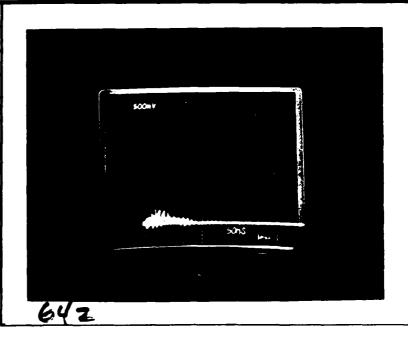
Date 6-	-4-85
Test Point 8/- 0	L-1/10-B
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical .5V 93	D/ mV/dlv 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +4	1500 V
Data Link	
Comments:	641
	- ,

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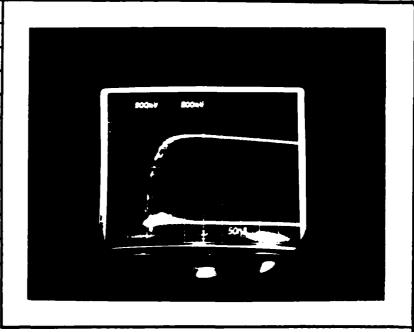


6-4-85 Date Test Point 8/R-CL-110-B dB Amplification 20 4 Attenuation ne/dlv 1 50 Horizontal (950) Vertical aV/div Horizontal ns/dlv 2 Vertical ns/dlv Configuration Pulser Level -4500 Data Link Comments:

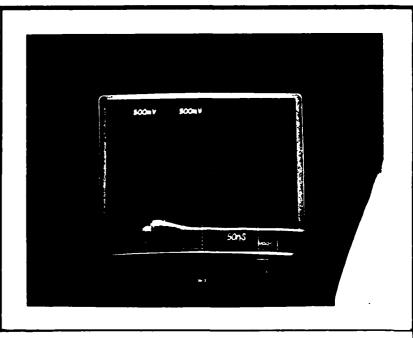


NO REF

Date 6.	-4-85
	CL-410-C
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical 15V (9	20) MANGIA 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level+ 4	500V
Deta Link	
Comments:	642

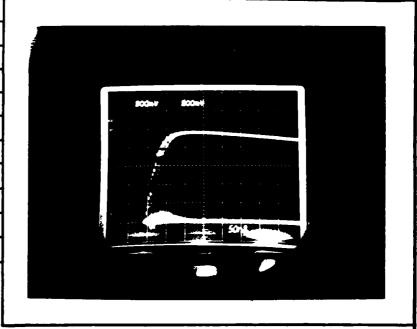


Date 6-4-85
Test Point 8/RCL-1/10-C Amplification dB Attenuation ns/dlv 1 Horizontal 50 Vertical ,5V (950) mV/dlv 1 Horizontal ns/div 2 Vertical ns/dlv 2 Configuration -4500V Pulser Level Date Link Comments:

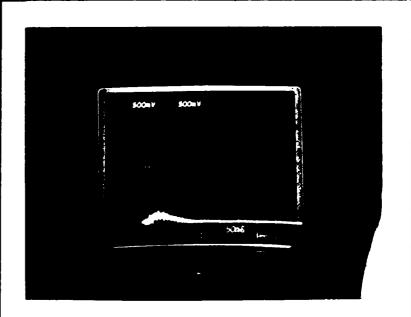


NO REF

Date 6-4	4-85
Test Point 8/-C	
Amplification	dß
Attenuation	20 dB
Horizontal	50 ns/div 1
Vertical ,5V (9	50) mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Deta Link	
Comments:	645

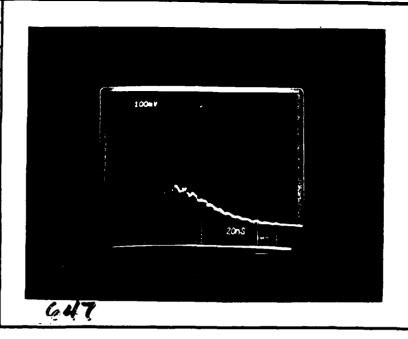


Dete 6-4	t - 85
Test Point 8/R -	CL-1/10-D
Amplification	48
Attenuation	20 48
Horizontal	50 ne/div 1
Vertical ,5V (95	(N) mV/div 1
Horizontal	ne/dlv 2
Vertical	ns/div 2
Configuration	
Pulser Level _ 4	4500V
Deta Link	
Comments:	



NO REF

Dete 6-4-85 Test Point 81- CL- 410- D Amplification 20 Attenuation dB Horizontal ns/dlv Vertical ₽V/dlv 1 Horizontal ne/div 2 Vertical ns/div 2 Configuration Pulser Level -4500 V Data Link Comments:

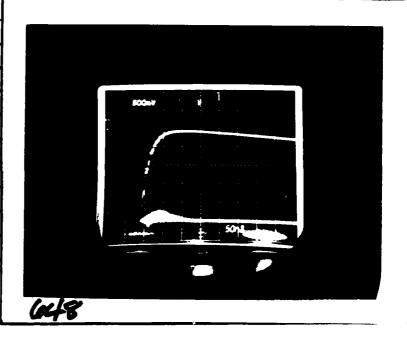




Date		
Test Point		
Amplification	dB	
Attenuation	dS	
Horizontal	ne/dlv	1
Vertical	mV/div	1
Horizontal	ne/dlv	2
Vertical	ns/div	2
Configuration		
Pulser Level		
Data Link		
Comments:		

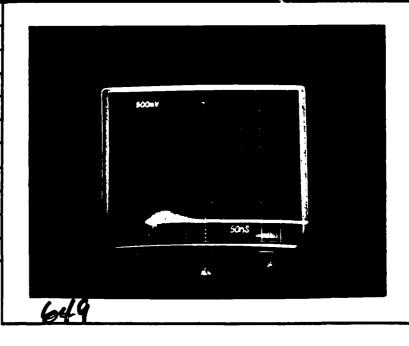


Dete Test Point 8/-CL- 1/10-E Amplification dB Attenuation dB 50 ne/div Horizontal **Vertical** mV/div 950 Horizontal ns/div 2 Vertical ns/div Configuration +4500V Pulser Level Data Link Comments: 649



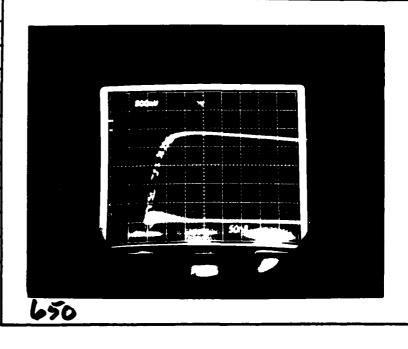


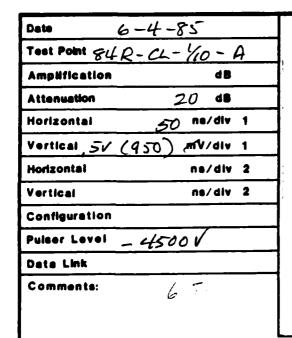
Date 6-4	-85
Test Point 8/R-C	L-1/10-E
Amplification	dB
Attenuation	20 48
Horizontal	50 ne/div 1
Vertical , SV (9:	mV/div 1
Horizontal	ne/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level _ 4	500V
Data Link	
Comments:	6+1

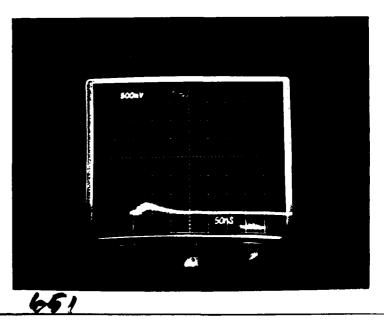




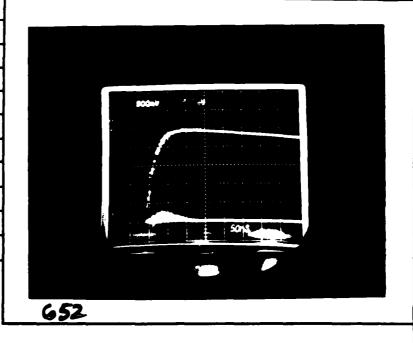
Date 6-	4-85
Test Point 84 -	CL-160-A
Amplification	d B
Attenuation	20 48
Horizontal	50 ne/div 1
Vertical 5V (9	750) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Data Link	
Comments:	652



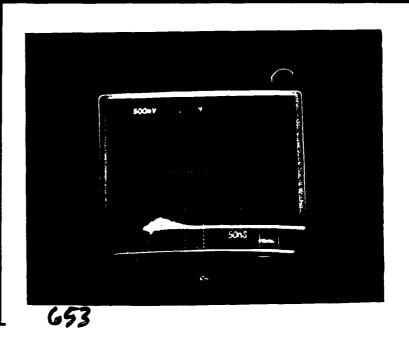




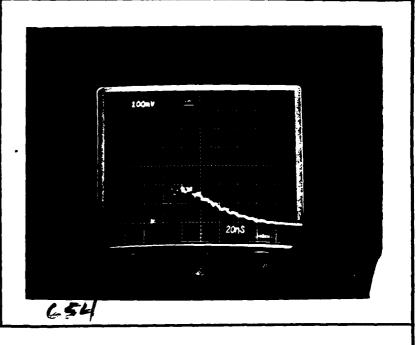
Date 6-	4-85
Test Point 84-	CL-1/10-B
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V. (750) MV/div 1
Horizontal	ns/div 2
Vertical	ne/dly 2
Configuration	
Pulser Level +	4500V
Data Link	
Comments:	652



Date 6-	4-85
Test Point 84R	-CL-1/10-B
Amplification	dB_
Attenuation	20 dB
Horizontal	50 ns/dlv 1
Vertical ,5V (950) mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level _	4500V
Data Link	
Comments:	65-
	7 12 2

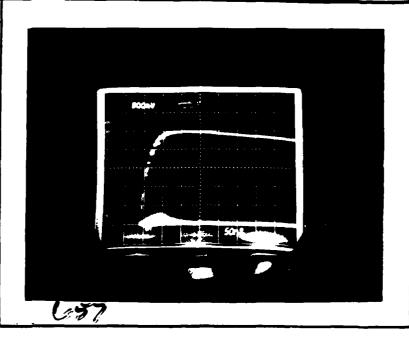


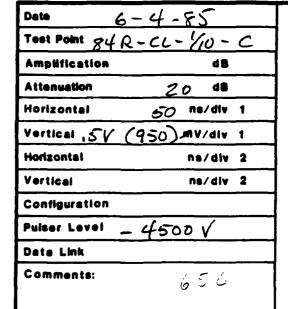
Date 6-4	4-85
Test Point 84 R-	ce-40-B
Amplification	dB
Attenuation	20 dB
Horizontal	20 na/div 1
Vertical ,1V (19	(O)
Horizontal	na/div 2
Vertical	ne/div 2
Configuration	
Pulser Level	4500V
Data Link	
Comments:	654

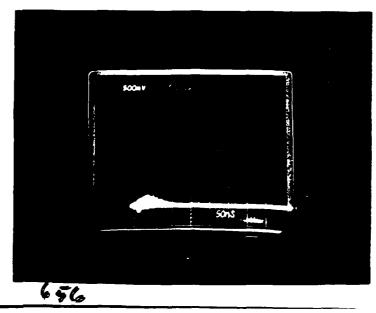


Date		
Test Point		
Amplification	dB	
Attenuation	d ß	
Horizontal	ns/dlv	1
Vertical	mV/dlv	1
Horizontal	ne/div	2
Vertical	ns/dlv	2
Configuration		
Pulser Level		
Data Link		
Comments:		

6-4-85 Date Test Point 84-CL-10-C AmpHilcation dB Attenuation 20 dB 50 na/div Horizontal Vertical , SV (950) mV/dlv Horizontal ns/dlv Vertical ns/div Configuration Pulser Level + 45001 Data Link Comments: 655

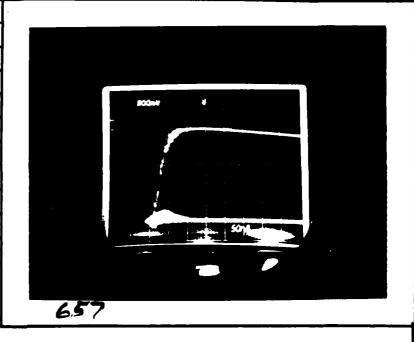






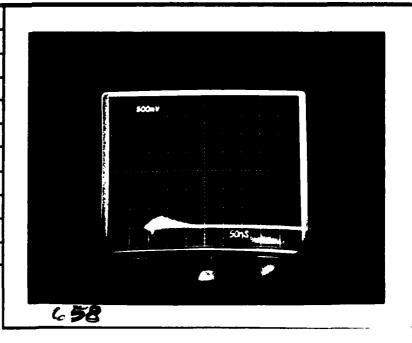


Date	11 00			
6-	4-85			
Test Point 84-	CL-1/10-D			
Amplification	48			
Attenuation	20 48			
Horizontal	50 ns/div 1			
Vertical ,5V (9				
Horizontal	ns/div 2			
Vertical	ne/div 2			
Configuration				
Pulser Level + 4	1500 V			
Data Link				
Comments:	657			
	7			

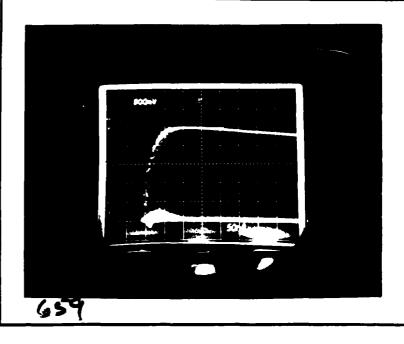




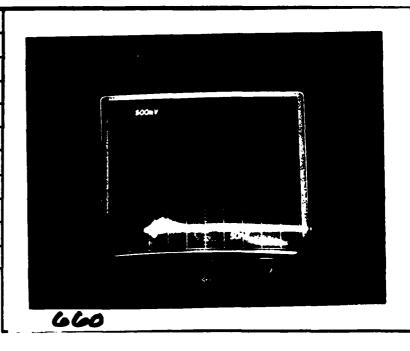
Date 6-4	-85					
Test Point 84P -	CL-110-D					
Amplification	48					
Attenuation	20 48					
Horizontal	50 ne/dlv 1					
Vertical, 5 V (950) mV/div 1						
Horizontal	ns/dlv 2					
Vertical	ns/div 2					
Configuration						
Pulser Level - 4500 V						
Data Link						
Comments:	653					



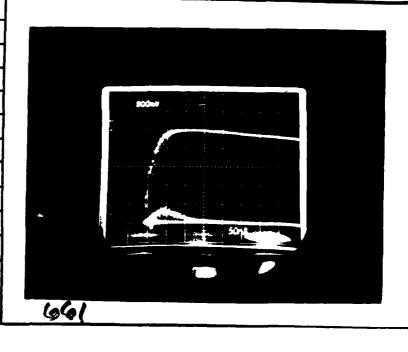
6-4-85 Dete Test Point 84-CL-1/10-E Amplification Attenuation dB 20 50 ne/div Horizontal Vertical ,5V (950) mV/div 1 Horizontal ns/div 2 Vertical ns/dlv Configuration +4500 V Pulser Level Data Link Comments:



6-4-85 Test Point 84R-CL-1/10-E dB Amplification Attenuetion 20 dB Horizontal ne/div 1 Vertical .5V (950) mV/div Horizontal ns/div 2 Vertical ne/div 2 Configuration -4500 V Pulser Level Data Link Comments:

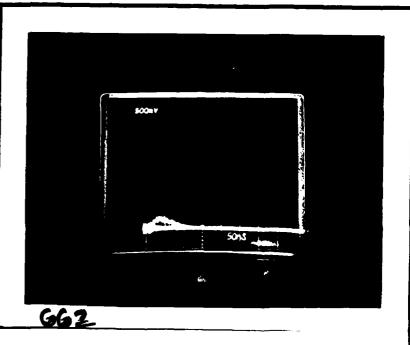


Date 6-	4-85
	-CL-1/10-A
AmpHilication	dB
Attenuation	20 dB
Horizontal	50 ns/dlv 1
Vertical ,5V (
Horizontai	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500V
Data Link	
Comments:	661

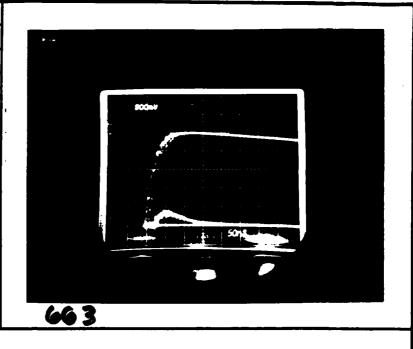


Date 6-	-4-85
Test Point 87R	-CL-1/10-A
Amplification	48
Attenuation	20 48
Horizontal	50 ne/dlv 1
Vertical .5V (950) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level _	4500V
Data Link	
Comments:	662

(<u>•</u>

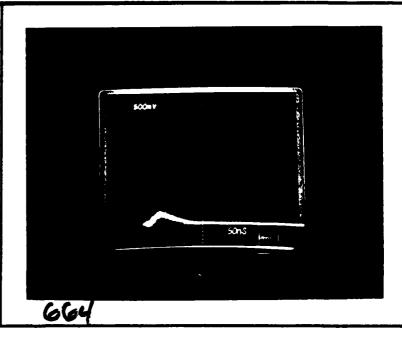


6-4-85 Date Test Point 87- CL- 1/10 -Amplification dB Attenuation 20 d B Horizontal 50 ns/div Vertical , 5V mV/dlv 950 Horizontal ns/div Vertical ns/dlv Configuration + 4500 Pulser Level Deta Link Comments: 663

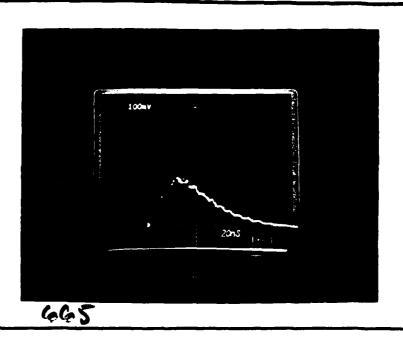




Date 6-4	-85
Test Point 87R -	CL- 110-B
Amplification	48
Attenuation	20 48
Horizontal	50 ns/div 1
Vertical , 5V (9	50 mV/dlv 1
Horizontal	ns/dlv 2
Vertical	ne/div 2
Configuration	
Pulser Level	t500 V
Data Link	
Comments:	664



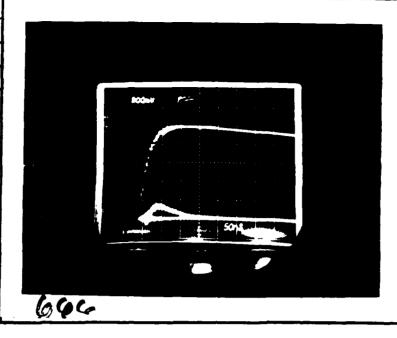
Date 6-4	-85
Test Point 87R-	CL-1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	20 ne/dlv 1
Vertical .LV (19	0) W/div 1
Horizontal	ns/div 2
Vertical	ns/dly 2
Configuration	
Puleer Level _ c	1500 V
Data Link	
Comments:	

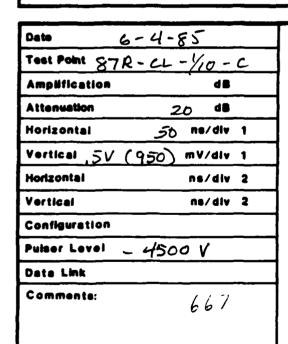




Date		
Test Point		
Amplification	dB	
Attenuation	48	
Horizontal	ne/div	1
Vertical	mV/div	1
Horizontal	ne/div	2
Vertical	ne/div	2
Configuration		
Pulser Level		
Data Link		
Comments:	 	

Date 6-0	t-85
Test Point 87 - C	L-110-C
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/div 1
Vertical ,5V (95	mV/div 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +4	500 V
Data Link	
Comments:	650

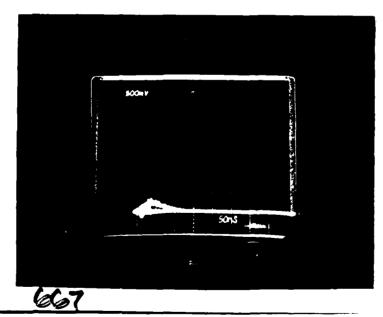


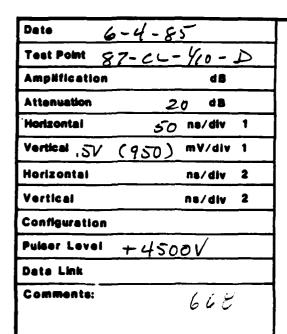


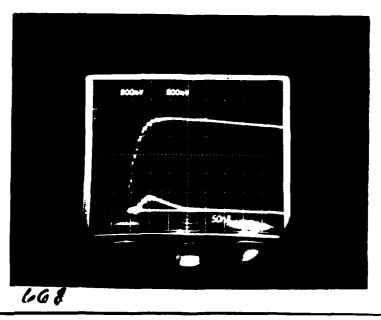
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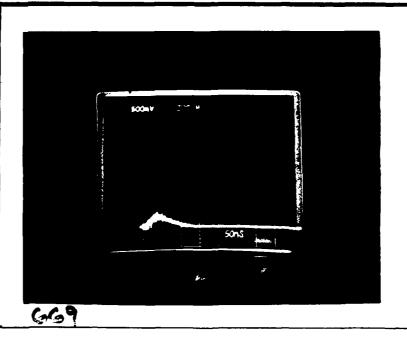
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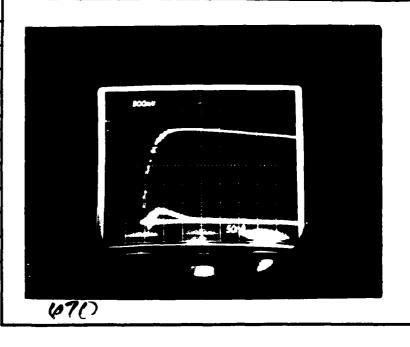


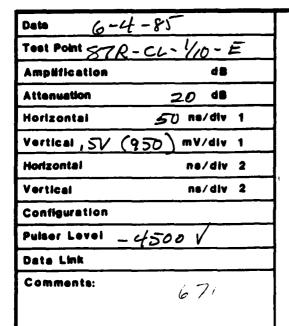


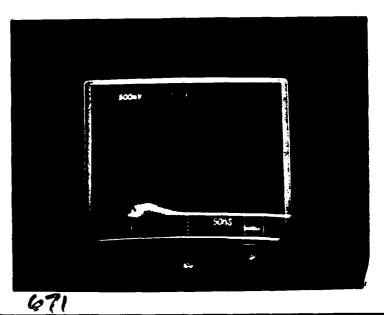
Dete 6	-4-85				
Test Point 87R	- BL -1/10 - D				
Amplification	48				
Attenuation	20 48				
Horizontal	50 ne/dlv 1				
Vertical ,5V Co	150) mV/dlv 1				
Horizontal	ns/div 2				
Vertical	ne/div 2				
Configuration					
Pulser Level -	4500 V				
Data Link					
Comments:	657				



6-4-85 Date Test Point 87-CL-1/10-E AmpHilcation dB Attenuation 20 dB 50 ne/div Horizontal Vertical ,5/ (950) mV/dlv 1 Horizontal ns/div 2 Vertical ns/dly 2 Configuration Pulser Level +4500 V Date Link Comments: 670







6-4-85 Date Test Point 90-CL-1/10-A Amplification Attenuation dB 20 50 ne/div Horizontal Vertical mV/dlv ,5V (950) Horizontal ns/div 2 2 Vertical ne/div

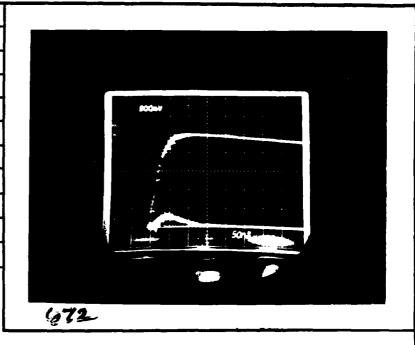
Configuration

Pulser Level + 4500 V

Data Link

Comments:

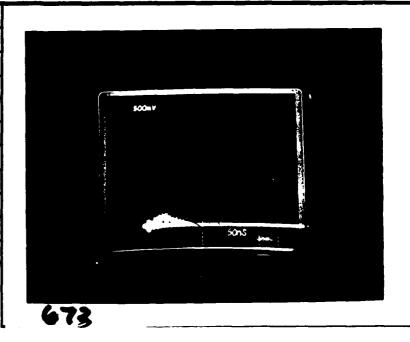
672



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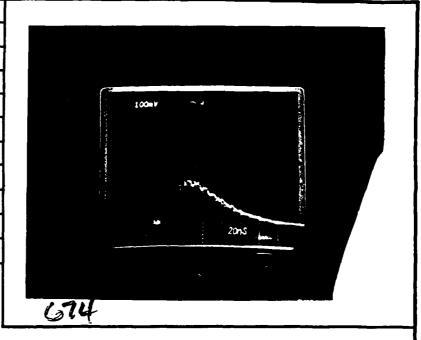
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Date 6-4	1-85
Test Point 90R-	CL-110-A
AmpHileation	dB
Attenuation	20 de
Horizontal	50 ne/dlv 1
Vertical SV (95	D) mV/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level _4	500 V
Data Link	
Comments:	673
	61 -





6-4-85 Date Test Point 900-CC-410-A Amplification dB Attenuation dB 20 Horizontal ns/dlv **Vertical** WV/div 1 (190) Horizontal ns/dlv 2 Vertical ns/div Configuration Pulser Level _ 4500 Data Link

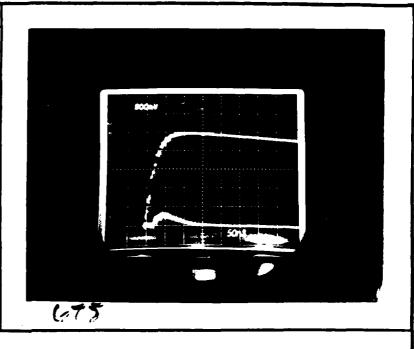


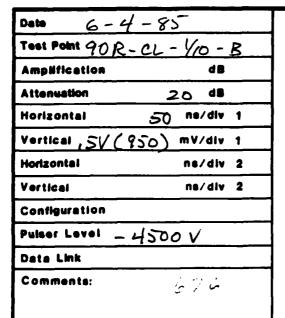


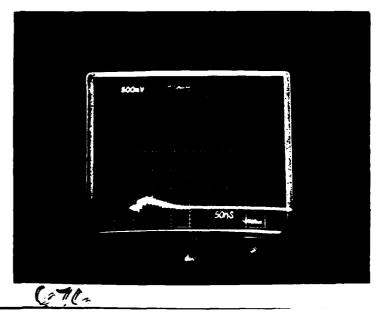
	Pulser Level	4500 V		₩	20ns
	Data Link				
	Comments:	674			
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			914		
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Q'al		_			
	Date			-	
	Test Point		7		
	Amplification	48	7		
	Attenuation	dB	7		
	Horizontal	ne/div 1			
	Vertical	mV/div 1	_	•	
	Horizontal	ne/div 2			
	Vertical	ns/div 2	7		
	Configuration				
	Pulser Level				
	Data Link		7		
	Comments:		7		
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6-4-85 Date Test Point 90-CL-1/10- B Amplification Attenuation dB 20 Horizontal ns/div Vertical ,5/ (950) mV/div 1 Horizontal ns/div 2 Vertical ns/dlv Configuration Pulser Level + 4500 V Data Link Comments:

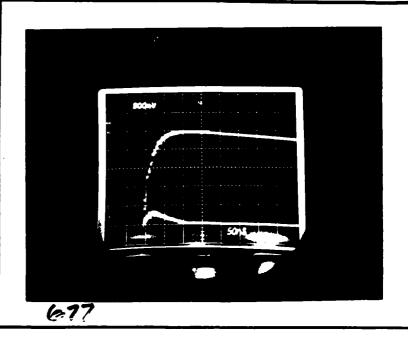




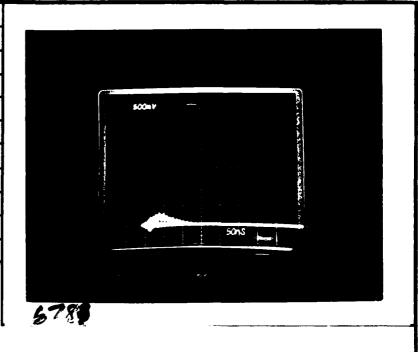


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21-1/10 - C
dB
20 dB
50 ne/div 1
MV/div 1
ne/div 2
ne/div 2
4500 V
e - 13.1

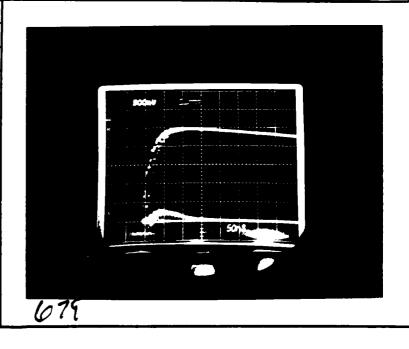
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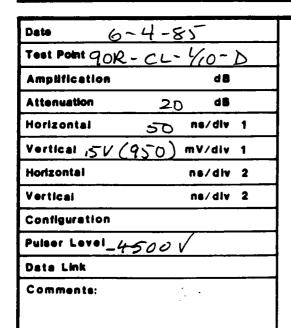


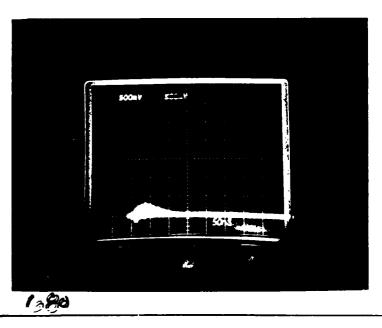
Date 6-4	-85
Test Point 90R -	CL-1/10-E
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical ,5V (9	50) mV/div 1
Horizontal	ne/div 2
Vertical	ne/dlv 2
Configuration	
Pulser Level _ 4	1500V
Data Link	
Comments:	
	-*



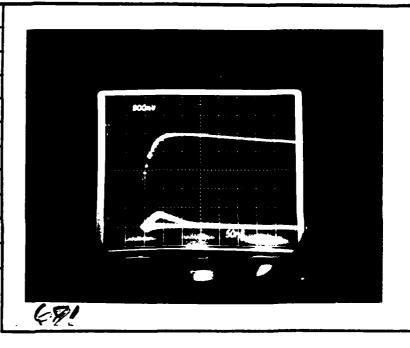
Date 6-	4-85
Test Point 90-	CL-1/10-D
Amplification	dB
Attenuation	20 dB
Horizontal	50 na/div 1
Vertical , 5V (9	50) mV/dlv 1
Horizontal	ne/dlv 2
Vertical	ne/dly 2
Configuration	
Pulser Level	-4500V
Data Link	
Comments:	279
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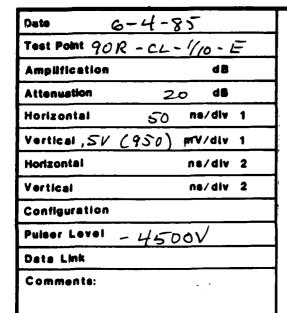


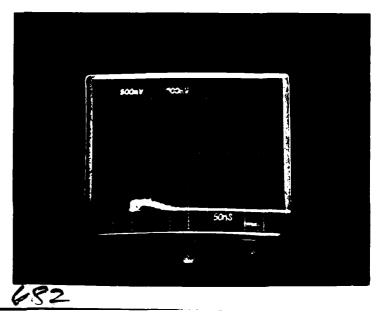




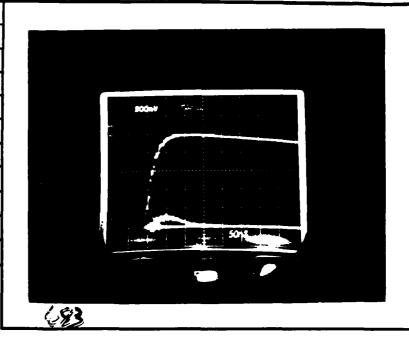
6-4-85 Dete Test Point 90-CL-1/10- E Amplification Attenuation 20 dB 50 ns/div Horizontal .5V (950) mV/div **Vertical** Horizontal ns/div Vertical ns/dlv 2 Configuration Pulser Level + 45001 Data Link Comments: 091







Date 6-4	-85
Test Point 93-CL	-110-A
Amplification	dB
Attenuation	20 dB
Horizontal 57	ne/div 1
Vertical ,5V (950)	mV/dlv 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level + 45	00V
Data Link	
Comments:	65



Date 6-4	-82
Tool Point 93R - C	L- 40-A
Amplification	dB
Attenuation	20 48
Horizontal	50 ne/dlv 1
Vertical ,5V (95	0) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level -45	700 V
Data Link	
Comments:	

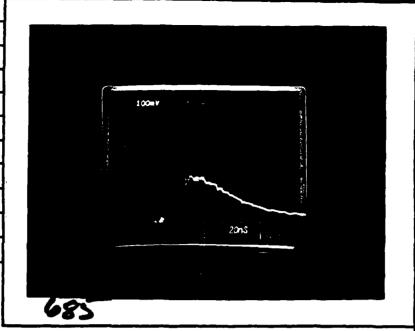
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Date 6-	4-85
Test Point 93R	-CL-1/10-A
AmpHication	dB
Attenuation	20 dB
Horizontal	ණ na∕div 1
Vertical ,5V (9	50) mV/dlv 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	
Pulser Level (+)	4500V
Deta Link	
Comments:	



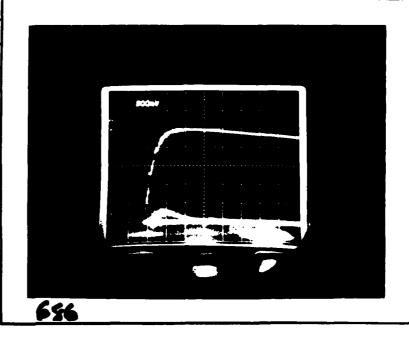


	Pulser Level (+)+	5001
	Data Link	
A STANDARD SACRESCO SURVIVIA DESACROS VARIOUS PROGRESSOS	Comments:	
(4)	Date & E	** **
\$	Test Point	
	Amplification	dB
§	Attenuation Horizontal	dB ns/dlv 1
 8	Vertical	mV/div 1
3	Horizontal	ns/div 2
8	Vertical	ns/div 2
7.7	Configuration	
	Pulser Level	
4 E	Data Link	
€	Comments:	
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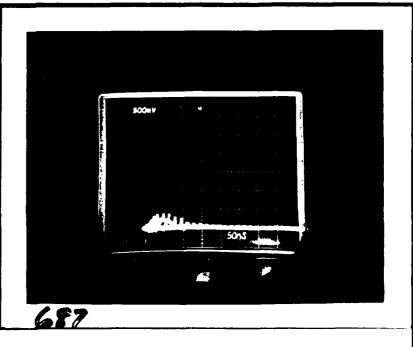


Date 6 -	-4-85
Test Point 93 -	Ch-1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V (950) mV/div 1
Horizontal	ne/div 2
Vertical	ns/dly 2
Configuration	
Pulser Level +	4500V
Data Link	
Comments:	666

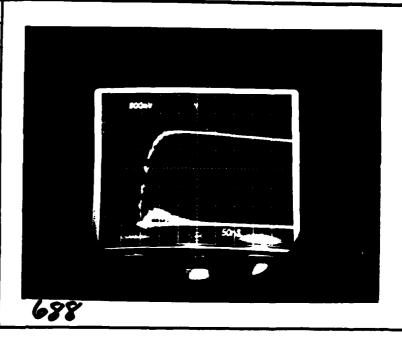
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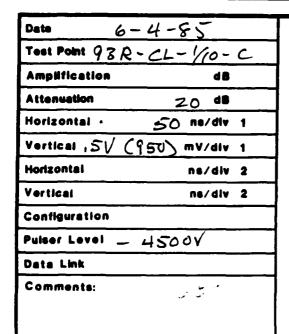


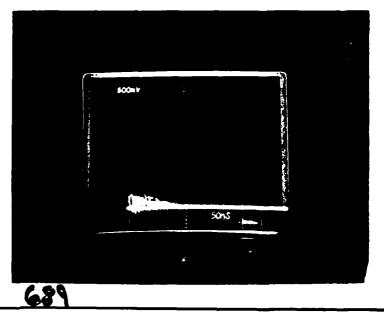
Date 6-L	1-85	
Test Point 93R-C	1-10-B	
Amplification	dB	
Attenuation	20 dB	
Horizontal	50 ne/div 1	
Vertical ,5V (9:	50)mV/dIv 1	
Horizontal	ne/div 2	
Vertical	ns/div 2	
Configuration		
Pulser Level _ 4500 V		
Data Link		
Comments:		



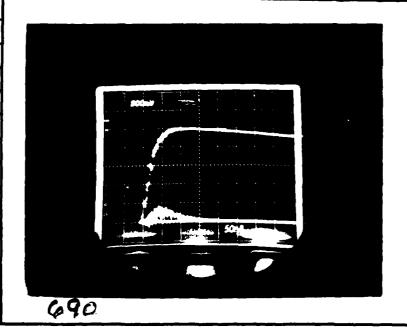
6-4-85 Dete Test Point 93-CL - 1/0- C Amplification Attenuation dB 20 50 ne/div Horizontal Vertical 57 (950) mV/dlv 1 Horizontal 2 ns/div Vertical ns/dlv 2 Configuration Pulser Level + 4500 Data Link 68: Comments:





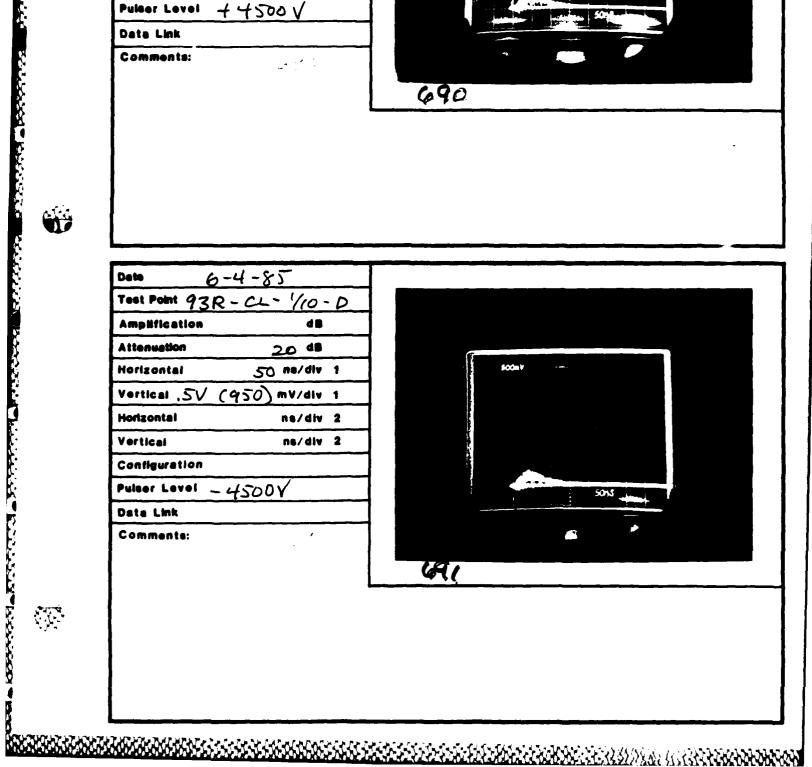


6-4-85 Date Test Point 93-CL-1/10 - D Amplification dB Attenuation 20 d B 50 ns/div Horizontal Vertical ,5V (950) .mV/dlv 1 Horizontal ns/dlv 2 Vertical ns/dlv 2 Configuration 44500 V Pulser Level Data Link

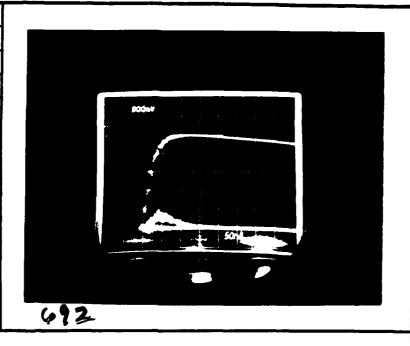




Date 6	-4-85	
Test Point 93R-CL-110-D		
Amplification	d B	
Attenuation	20 48	
Horizontal	50 ne/dlv 1	
Vertical ,5V (950) mV/dIV 1	
Horizontal	ne/div 2	
Vertical	ne/div 2	
Configuration		
Pulser Level - 4500V		
Data Link		
Comments:	,	

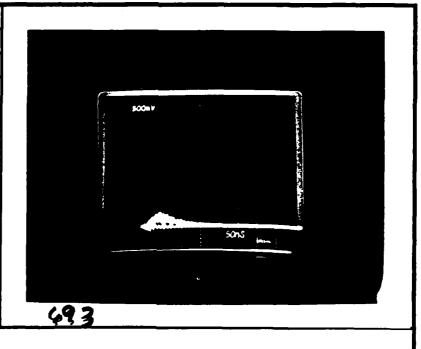


6-4-85 Date Test Point 93-CL-110-E Amplification dB Attenuation d B 20 Horizontal 50 ne/div Vertical ,5V (450) ₩V/div 1 Horizontai na/dlv **Vertical** ns/dlv Configuration +4500 V Pulser Level Data Link Comments:

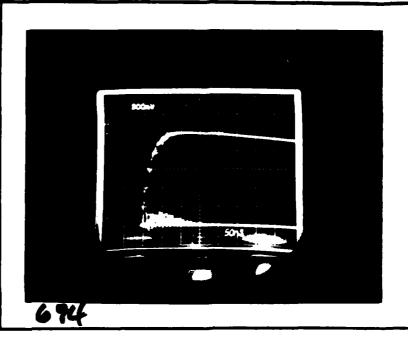


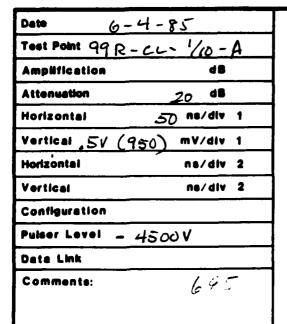
6-4-85 Date Tool Point 93R-CL-110-E Amplification dB Attenuation 20 dB 50 ne/dlv 1 Horizontal Vertical ,5V (950) ₩V/div 1 Horizontal ne/div 2 Vertical ne/dlv 2 Configuration Pulser Level - 4500 V Data Link Comments:

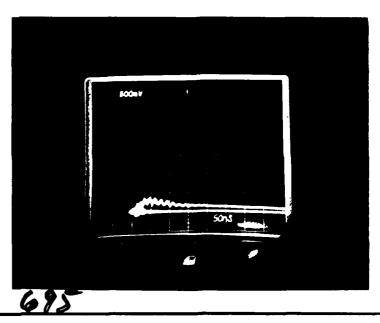
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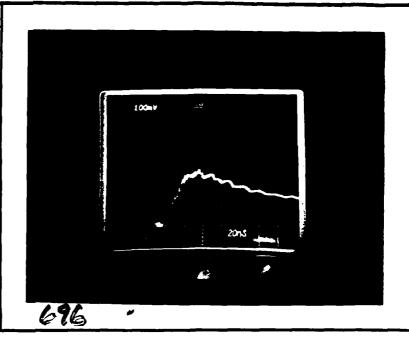
Date 6-4	-85
Test Point 99 - C	L- 410-A
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical .5/ (95	o) mV/div 1
Horizontal	ns/div 2
Vertical	ne/div 2
Configuration	
Pulser Level + 4	500 √
Data Link	
Comments:	







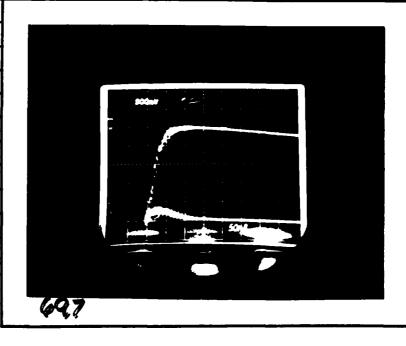
	Date 6-	4-85
	Test Point 998.	- CL- 110 - 1
454	Amplification	dB
de	Attenuation	20 dB
	Horizontal	20 ne/div 1
	Vertical . 1V (19	O) MV/dlv 1
	Horizontal	ne/div 2
	Vertical	ns/dlv 2
	Configuration	
	Pulser Level -	4500V
	Data Link	_ <u>. • </u>
	Comments:	646
		67
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O •		
Q.	Date	
Q.	Date Test Point	
G	<u> </u>	da
Q.	Test Point	d8
€	Test Point Amplification	
Q	Test Point Amplification Attenuation	dB
(Ta)	Test Point Amplification Attenuation Horizontal	dB ne/dlv 1
Gra	Test Point Amplification Attenuation Horizontal Vertical	dB ne/div 1 mV/div 1
Q o.	Test Point Amplification Attenuation Horizontal Vertical Horizontal	dB ne/div 1 mV/div 1 ne/div 2
Q.	Test Point Amplification Attenuation Horizontal Vertical Horizontal Vertical	dB ne/div 1 mV/div 1 ne/div 2
Orania de la companya	Test Point Amplification Attenuation Horizontal Vertical Horizontal Vertical Configuration	dB ne/div 1 mV/div 1 ne/div 2
	Test Point Amplification Attenuation Horizontal Vertical Horizontal Vertical Configuration Pulser Level	dB ne/div 1 mV/div 1 ne/div 2
J.	Test Point Amplification Attenuation Horizontal Vertical Horizontal Configuration Pulser Level Data Link	dB ne/div 1 mV/div 1 ne/div 2
	Test Point Amplification Attenuation Horizontal Vertical Horizontal Configuration Pulser Level Data Link	dB ne/div 1 mV/div 1 ne/div 2
	Test Point Amplification Attenuation Horizontal Vertical Horizontal Configuration Pulser Level Data Link	dB ne/div 1 mV/div 1 ne/div 2
	Test Point Amplification Attenuation Horizontal Vertical Horizontal Configuration Pulser Level Data Link	dB ne/div 1 mV/div 1 ne/div 2
	Test Point Amplification Attenuation Horizontal Vertical Horizontal Configuration Pulser Level Data Link	dB ne/div 1 mV/div 1 ne/div 2
	Test Point Amplification Attenuation Horizontal Vertical Horizontal Configuration Pulser Level Data Link	dB ne/div 1 mV/div 1 ne/div 2
	Test Point Amplification Attenuation Horizontal Vertical Horizontal Configuration Pulser Level Data Link	dB ne/div 1 mV/div 1 ne/div 2



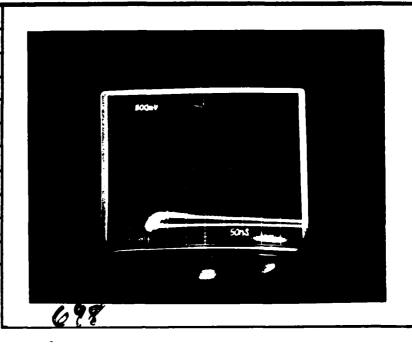
Date		
Test Point		
Amplification	d B	
Attenuation	dB	
Horizontal	ne/div	1
Vertical	mV/div	1
Horizontal	ne/div	2
Vertical	ns/div	2
Configuration		
Pulser Level		
Data Link		
Comments:		



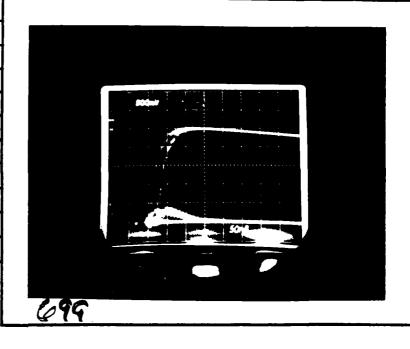
Data .	11 6
	4-85
Test Point 99 -	=L-1/10-B
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/div 1
Vertical ,5V (95	TO) MV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level + 4	500 V
Dete Link	
Comments:	637
	•

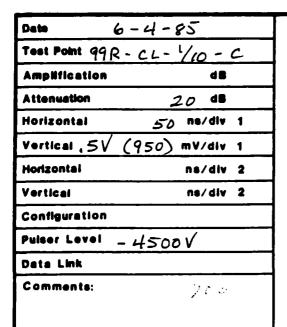


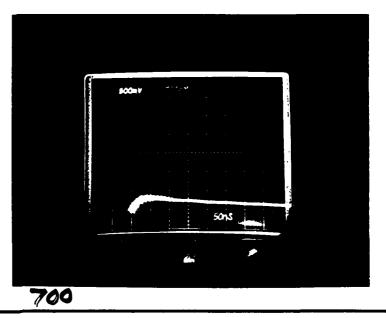
053	Pulser 20101+ 45	
	Data Link	
	Comments:	697
		<i>u</i> . •
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NAC NACO SACO		
	Date /a /	1-05
	Test Point 99 R - 0	1 - 63
	Amplification	d8
	Attenuation	20 d8
X	Horizontal	50 ne/dlv 1
	Vertical ,5 V (9:	
<u></u>	Horizontal	ne/div 2
	Vertical	ns/dlv 2
	Configuration	
₹3	Pulser Level _ 4	500 V
N	Data Link	
	Comments:	693
		<i>Ç.</i> .
X		
KV B		
8		
ለሽ Chapaparachara	ĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ	ያለይላኒያላይላይላይላ ይቀ <i>ይ</i> ቀ ይቀደብ
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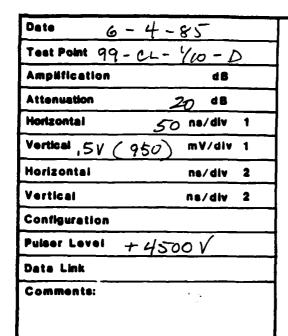


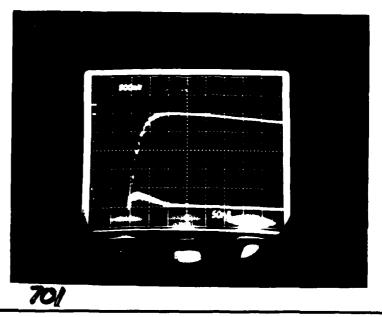
Dete 6-4-85 Test Point 99-CL-1/10-C Amplification Attenuation dB 20 50 ne/div Horizontal Vertical ,5V (950 mV/div 1 Horizontal ns/div 2 Vertical ns/dly 2 Configuration + 4500 V Pulser Level Data Link Comments:



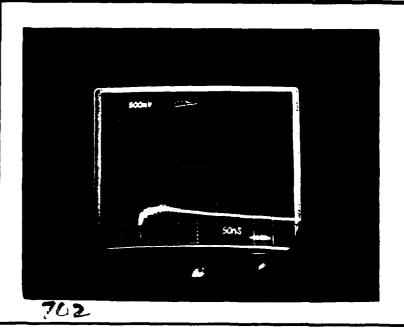




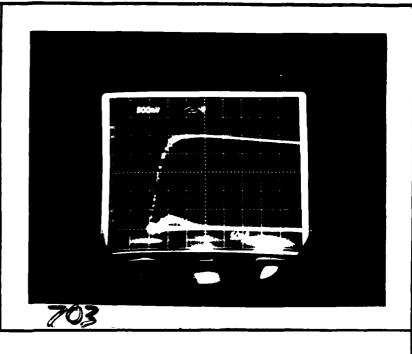




Date 6-4	1-85		
Test Point 99R-CL-1/10-D			
Amplification	dB		
Attenuetion	20 48		
Horizontal	50 ne/dlv 1		
Vertical , SV (950) mV/div 1			
Horizontal	ns/div 2		
Vertical	ns/div 2		
Configuration			
Pulser Level _4500V			
Data Link			
Comments:			



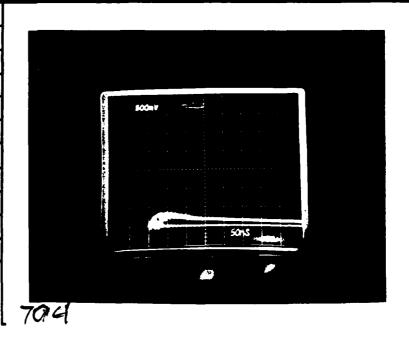
Date 6-L	1-85
Test Point 99- C	L-1/10- E
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical ,5V (9:	50) mV/dlv 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	
Pulser Level +	4500 V
Deta Link	
Comments:	700



Dete 6-4-85	
Test Point 99R -	CL-1/10-E
Amplification	dB
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical ,5V (95	io) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level - 4	500 V
Data Link	
Comments:	

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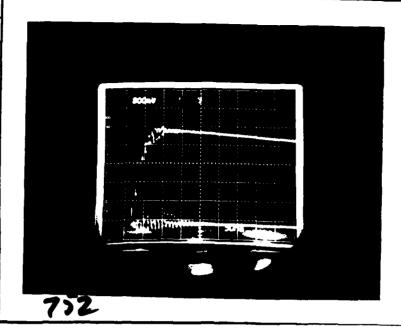
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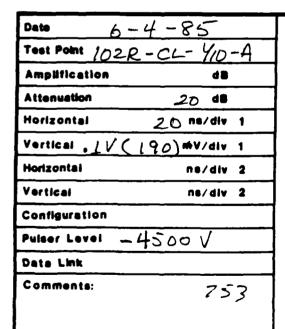


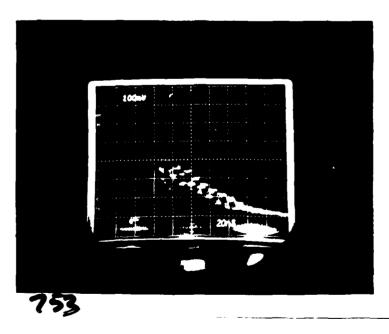
Date 6-4	1-85
Test Point 102-	CL- 110-A
Amplification	dB
Attenuation	20 dB
Horizontal	50 ns/div 1
Vertical .5V (95	50 V)m4/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +L	1500 V
Deta Link	
Comments:	752

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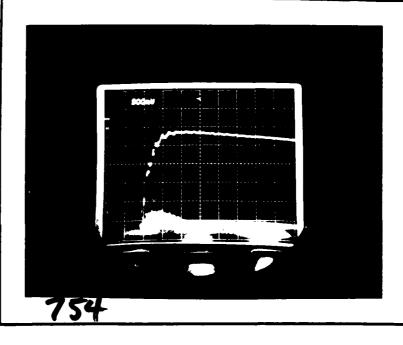
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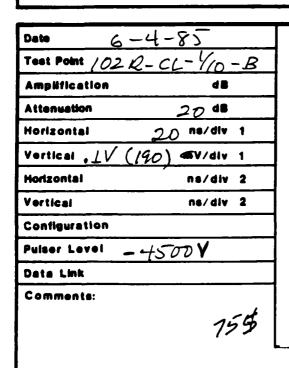


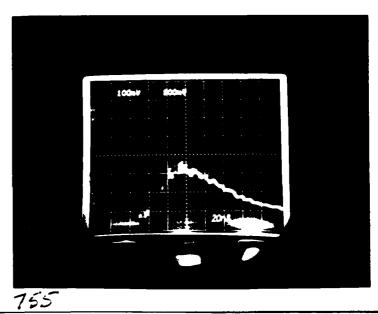




Date 6-4	4-85
Test Point /02 -	CL-1/10-B
Amplification	48
Attenuation	20 dB
Horizontal	50 na/div 1
Vertical .5V (95	O) mV/dlv 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	
Pulser Level +4	500 V
Data Link	
Comments:	754

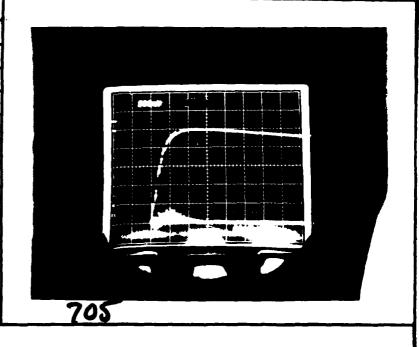




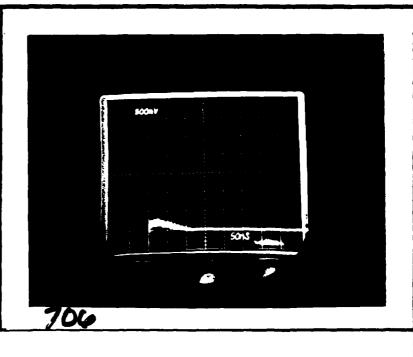


4-85
CL- 1/10-A
48
20 48
50 ns/dlv 1
mV/div 1
ns/div 2
ns/div 2
4500 V
705

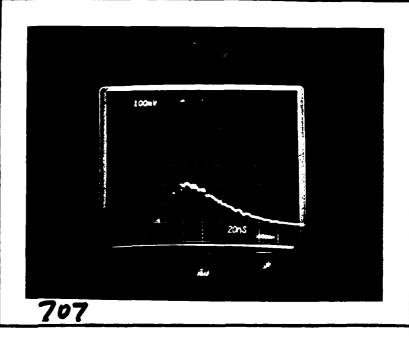
7. J.



Date 6-	4-85
Test Point 104R-	CL-10-A
Amplification	48
Attenuation	20
Horizontal	50 ma/dlv 1
Vertical ,5V (9	56) mV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulsor Lovel _4	500 V
Data Link	
Commente:	700



Date 6-4-	85
Test Point 104R-C	L-1/10-A
Amplification	48
Attenuation	20 48
Horizontal 2	ns/div 1
Vertical . LV (190)	
Horizontal	ne/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level - 457	00 V
Data Link	
Comments:	7c7



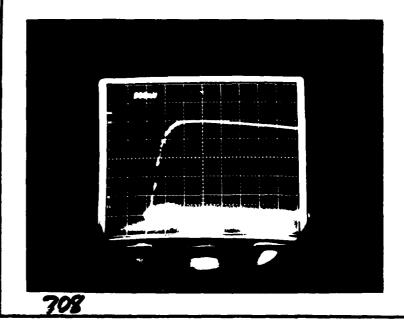
Dete		
Test Point		
Amplification	dB	
Attenuation	dS	
Horizontal	ns/dlv	1
Vertical	mV/div	1
Hortzontal	ns/div	2
Vertical	ne/div	2
Configuration		
Pulser Level		
Data Link		
Commenter		

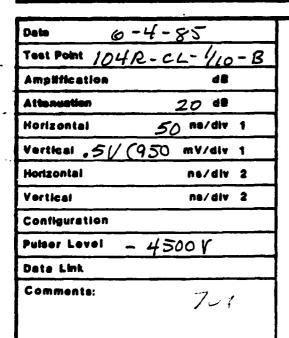
Date 6-4-	85
Test Point 104-C	
Amplification	d\$
Attenuation	20 48
Hortzontal 5	o na/div 1
Vertical ,5V (950	→V/div 1
Horizontal	na/div 2
Vertical	ns/dly 2
Configuration	
Pulser Level + 4	SOOV
Data Link	
Comments:	708

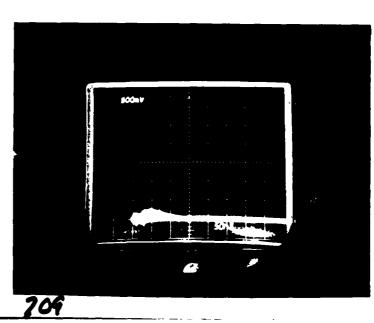
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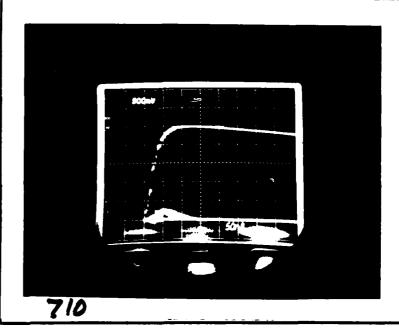




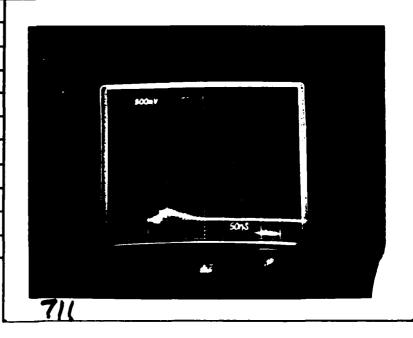


Test Point $104-CL-1/0-C$ Amplification d8 Attenuation 20 dB Horizontal 50 ns/div 1 Vertical $5V$ (950) mV/div 1 Horizontal ns/div 2 Configuration Pulser Level $+4500$ $\sqrt{}$		
Amplification dB Attenuation 20 dB Horizontal 50 ns/div 1 Vertical , 57 (950) mV/div 1 Horizontal ns/div 2 Vertical ns/div 2 Configuration Pulser Level + 4500 V	Date	6-4-85
Attenuation 20 dB Horizontal 50 ns/dlv 1 Vertical , 57 (950) mV/dlv 1 Horizontal ns/dlv 2 Vertical ns/dlv 2 Configuration Pulser Level + 4500 V	Test Point 10	4-CL-1/10-C
Horizontal 50 ns/div 1 Vertical 57 (950) mV/div 1 Horizontal ns/div 2 Vertical ns/div 2 Configuration Pulser Level + 4500 V	Amplification	48
Vertical , 5 / (950) mV/div 1 Horizontal ne/div 2 Vertical ne/div 2 Configuration Pulser Level + 4500 V	Attenuation	20 dB
Horizontal ne/div 2 Vertical ne/div 2 Configuration Pulser Level + 4500 √	Horizontal	50 ne/div 1
Vertical ne/div 2 Configuration Pulser Level + 4500 V	Vertical ,5/	(950) mV/dlv 1
Configuration Pulser Level + 4500 V	Horizontal	ns/div 2
Pulser Level +4500 V	Vertical	ns/div 2
	Configuration	
Data Link	Pulser Level	+4500 V
	Data Link	
Comments: 7/0	Comments:	7/0

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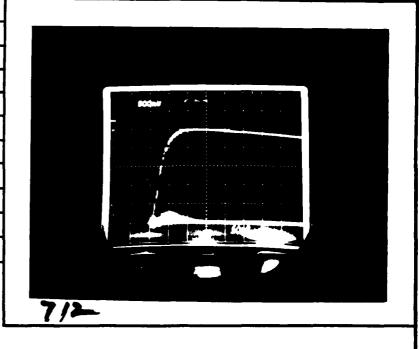
Date 6-4-	-85
Test Point 104R-CI	2-410-C
AmpHilcation	48
Attenuation	20 48
Horizontal 50	ne/dlv 1
Vertical ,5V (950)	mV/div 1
Horizontal	ne/div 2
Vertical	ne/div 2
Configuration	
Pulser Level -45	00V
Data Link	
Comments:	7/,



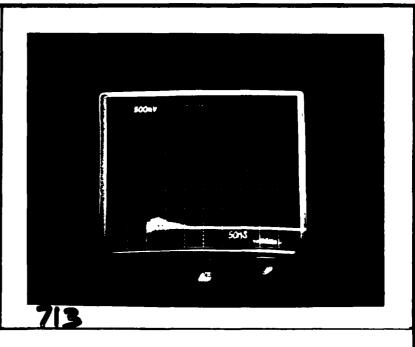
Dodo	./
Date 6-	4-85
Test Point 104-	CL-410-D
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/div 1
Vertical .5V (1	90) MV/dlv 1
Horizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Deta Link	
Comments:	7/2
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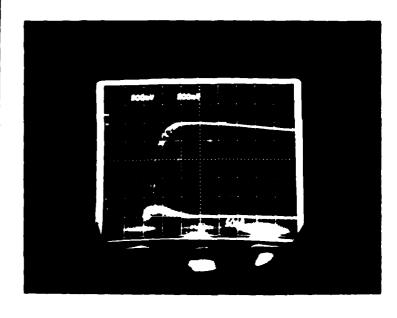
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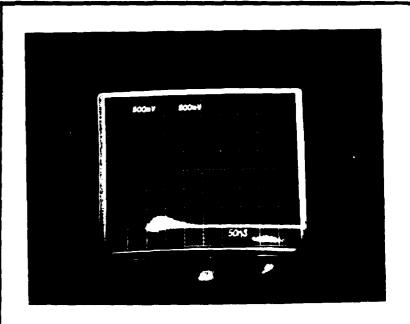
Date 6-	4-85		
Test Point 104R-CL-1(10-D			
Amplification	48		
Attenuation	20 dB		
Horizontal	50 ne/div 1		
Vertical ,5 V (190) -V/div 1			
Horizontal	ne/div 2		
Vertical	ns/dlv 2		
Configuration			
Pulser Level _	4500 V		
Data Link			
Comments:	7/ 🖫		



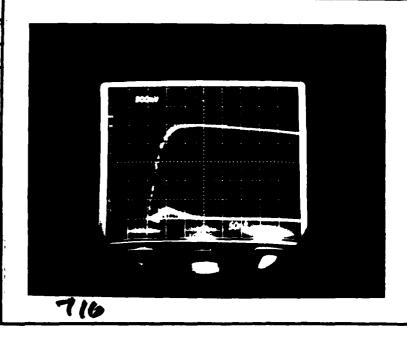
Date 6-	4-85
Test Point 104.	- CL- 410 - E
Amplification	dB
Attenuation	20 dB
Horizontal	50 na/div 1
Vertical ,5V (/	90) mV/dlv 1
Horizontal	na/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500 V
Deta Link	
Comments:	7/÷



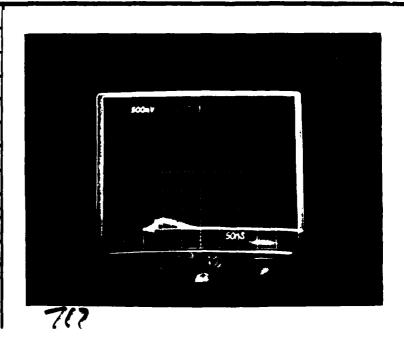
Date 6 -4	t-85		
Test Point 104R-CL-110-E			
AmpHilication	48		
Attenuation	20 de		
Horizontal	50 na/div 1		
Vertical .5V (190) =V/div 1		
Horizontal	ne/div 2		
Vertical	ns/dlv 2		
Configuration			
Pulser Level _	4500 V		
Deta Link			
Comments:	7/5		



Dete 6-	-4-85
Test Point 107 -	
Amplification	d8
Attenuation	20 18
Horizontal	50 ne/div 1
Vertical .5V (9	50) #V/div 1
Herizontal	ns/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	1500V
Data Link	
Comments:	7/ -



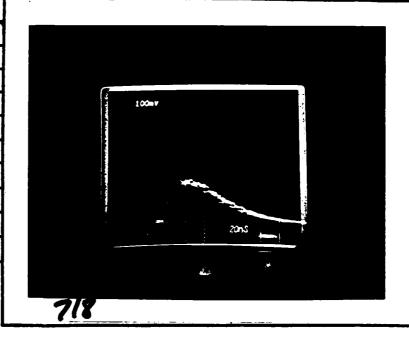
Date 6-	4-85
Test Point 107R-	CL- 1/10-A
Amplification	48
Attenuetion	20 4
Horizontal	50 ma/dly 1
Vertical ,5V (9	50)=V/div 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	1500V
Data Link	
Comments:	7.7



Date 6-	4-85
Test Point 107R	-CL- 40-A
AmpHilication	48
Attenuation	20 48
Horizontal	20 ne/dlv 1
Vertical . LV (19	
Horizontal	no/div 2
Vertical	Rs/div 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	713

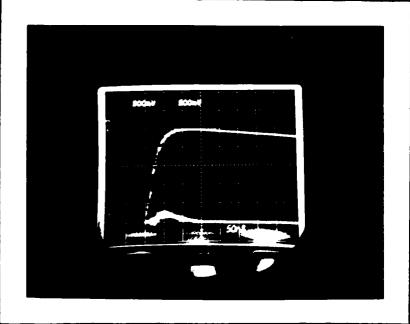
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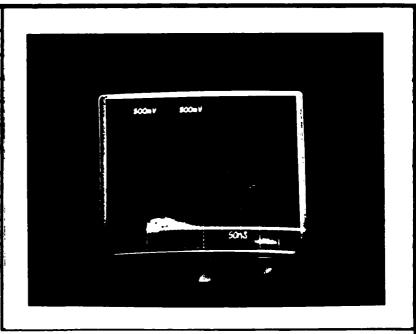


Date		
Test Point		
Amplification	48	
Attenuetion	48	
Herizontal	ns/div	1
Vertical	mV/div	1
Horizontal	ns/dlv	2
Vertical	ns/div	2
Configuration		
Pulser Level		
Deta Link		
Comments:		

Date 6-4-85
Test Point 107-CL-1/10-B 20 48 Attenuation 50 ne/div Horizontal MV/div 1 Vertical .5V (950) Horizontal ne/div Vertical RS/dly Configuration +4500V Pulser Level Data Link Comments: 719



Test Point 107/2 - 0	-L-1/10-B
Amplification	
	48
Attenuetion	20 48
Horizontal	50 ne/dly 1
Vertical .5V (957)=V/div 1
Hortsontal	ns/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level _ 48	500 V
Data Link	
Comments:	720

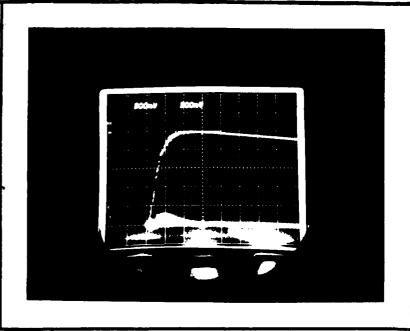


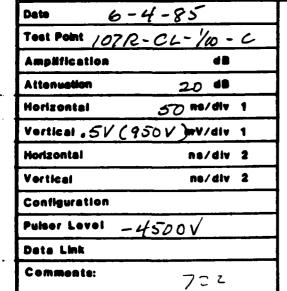
Date 6-	4-85
Test Point 107-	-CL-410-C
Amplification	48
Attenuation	20 48
Herizontal	50 ns/dlv 1
Vertical .5V (95	(0 V) 44/div 1
Horizontal	ns/div 2
Vertical	no/div 2
Configuration	
Pulser Level +	4500 V
Deta Link	
Commente:	721
Comments:	721

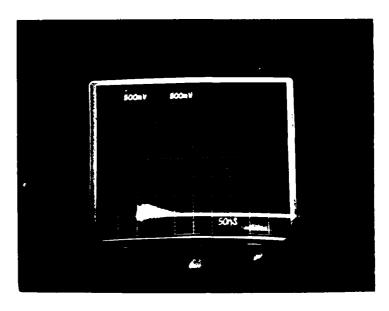
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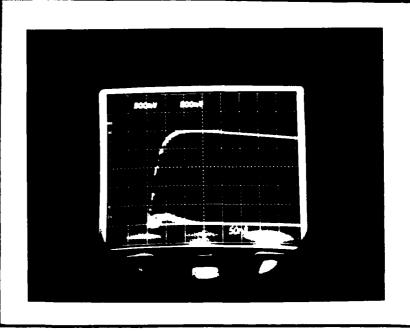
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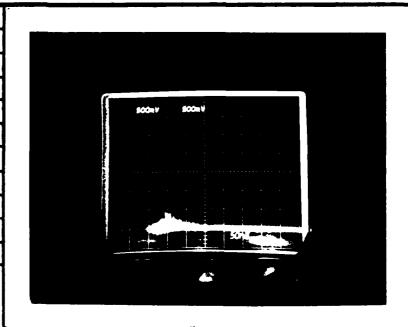


Date 6-4	1-85		
Test Point 107-CL-1/10-D			
AmpHication	48		
Attenuation	20 48		
Horizontal	50 na/div 1		
Vertical .57 (950) mV/div 1			
Horizontal	ns/div 2		
Vertical	ns/div 2		
Configuration			
Pulser Level +4500V			
Data Link			
Comments:	743		

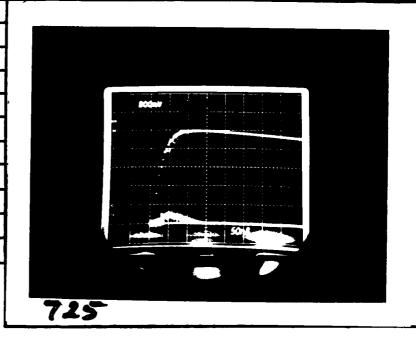


Date 6 -	4-85
Test Point 107/2	-CL-1/10-D
Amplification	48
Attenuetion	20 48
Horizontal	50 m/dh 1
Vertical .5V ((50) #W/dlv 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level _	4500V
Data Link	
Comments:	72 +

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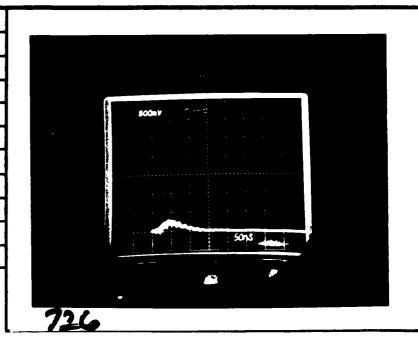


6-4-85 Date Test Point 107-CL-110-E Amplification dB 20 48 Attenuation 50 ns/div Hortzontal Vertical ,5V(950 mV/div Horizontal ns/div 2 Vertical ns/dly 2 Configuration +4500 Pulser Level Date Link Comments: 725

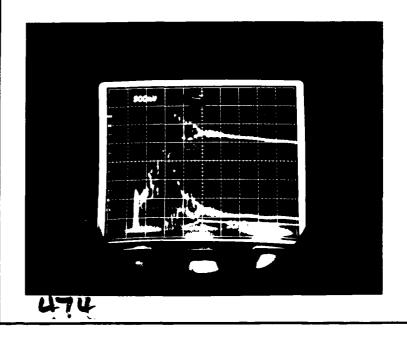


6-4-85 Dete 107R-CL-1/10-E Test Point Amplification Attenuation 20 48 50 ma/dly 1 Horizontal Vertical . 5V (950 mV/dlv 1 Horizontal ns/div 2 Vertical ns/dlv 2 Configuration Pulser Level - 4500V Date Link Comments: 72%

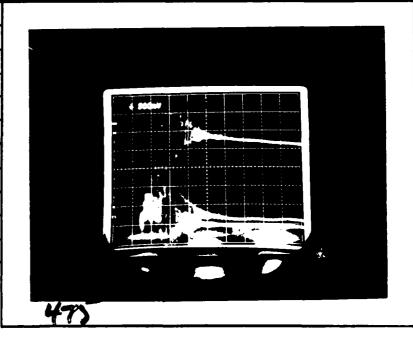
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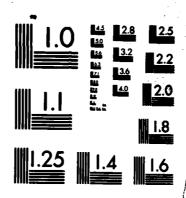
5-30-85 Date Test Point 109-CL-OdB Amplification 20dB Attenuation Horizontal ns/div 50 Vertical 5 -mV/div 1 Horizontal ns/div 2 Vertical ns/div Configuration Pulser Level + 4500 V Data Link "HOT LEAD" Comments:



Date 5-3	30-85
Date 5-3 Test Point 109R-	CL-/10- \$
Amplification	O dB
Attenuation	20dB
	O ne/dlv 1
Vertical . 5V(95	OV) mV7 div 1
Horizontal	ne/dlv 2
Vertical	ne/div 2
Configuration	
Pulser Level - 4	500 V
Data Link	
Comments:	EAD" 475



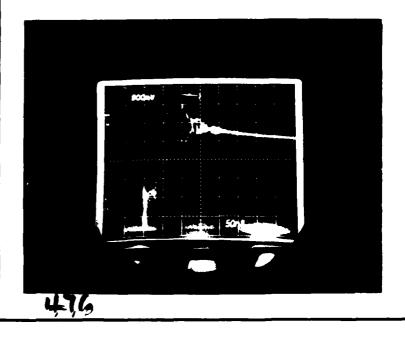




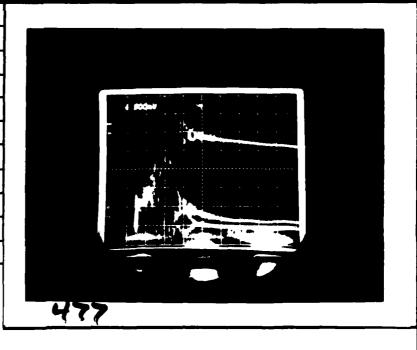
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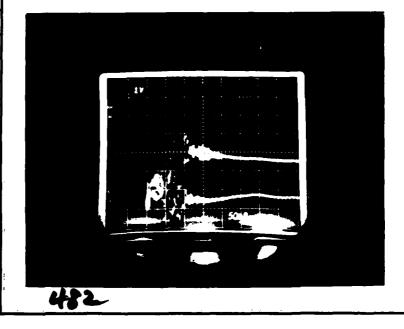
Dete 5-30	-85
Test Point 109-	CL-110-0
Amplification	dß
Attenuation	dB
Horizontal	ne/div 1
Vertical	mV/dlv 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level +	4500V
Data Link	
Comments:	LEAD "476



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		Date 5-30	-85
		Test Point 109 - C	1-1/n-0
7.		Amplification	dB
	£ 2	Attenuation	dB
1.	- 1	Horizontal	ne/div 1
2		Vertical	mV/dlv 1
		Horizontal	ns/div 2
		Vertical	ns/div 2
0.0		Configuration	
		Pulser Level + 4	1500V
82		Data Link	
SSTATA MARKA		Comments:	LEAD "476
2000 E			
Kirk			
<i>X</i>	متعلقه		
	4.	Date 5-30	
7.		Test Point / OPR - C	
3		Amplification	d8
N.		Attenuation	d S
		Horizontal	ne/div 1
()		Vertical	mV/div 1
		Horizontal	ne/div 2
		Vertical	ne/dlv 2
		Configuration	F
		Pulser Level - 4	500V
1.7.1			<u> </u>
		Deta Link	
(S. S.		Data Link Comments:	477
7533 555		Deta Link	477
SECTION SEE		Data Link Comments:	477
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77 MARKES 578	4777 4787	Data Link Comments:	477
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		Data Link Comments:	477 Common



5-31-85 Date Test Point 110 - CL- 1/10- \$ Amplification Attenuation dB ns/dlv Horizontal N(1900V **Vertical** m¥/div Horizontal ns/div 2 Vertical 2 ns/div Configuration Pulser Level + 45001 Data Link Comments: 487

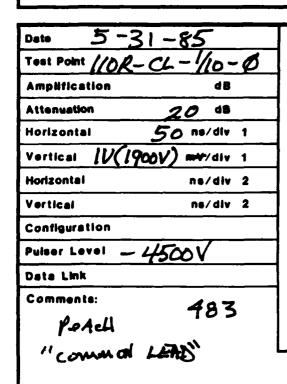


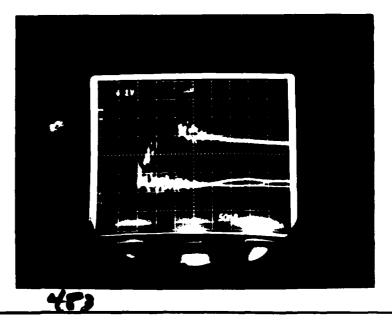
Peach "Common LEAD"

person descensed anopposed descenses accorded associated beauticals, apposited associated associated assets

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5-31-85 **Test Point** Amplification 48 Attenuation dB Horizontal ns/div **Vertical**

Horizontai ns/div

Vertical ns/div 2

2

Configuration

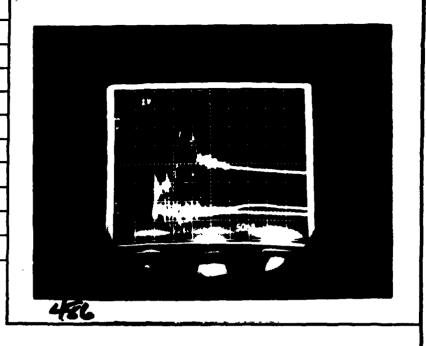
Pulser Level + 4500 V

Data Link

Date

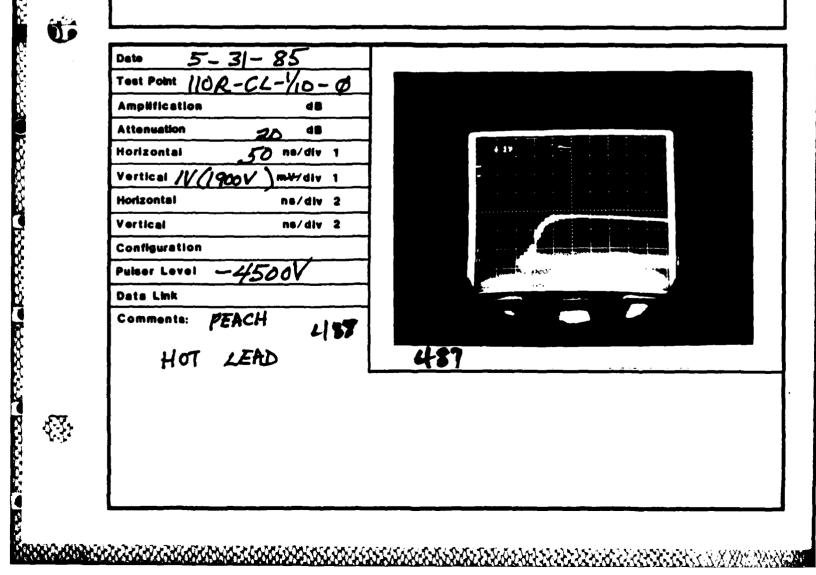
486 Comments: PEACH

"HOT LEAD"



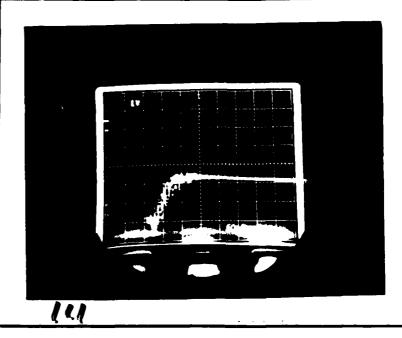


Date 5-31-	85
Test Point 110R-C	
AmpHilcation	48
Attenuation	20 48
Horizontai 5	O ne/div 1
Vertical /V(1900V	mwdiv 1
Horizontal	ne/div 2
Vertical	ns/dlv 2
Configuration	
Pulser Level -45	TOOV
Data Link	
Comments: PEACH	4 4187
HOT LEA	D
ī	





Date 5-31-85
Test Point ///-CL-1/10-Ø Amplification 20 dB Attenuation Horizontal 50 ne/div Vertical / 1/ 1900V mV/div 1 Horizontal ns/div Vertical ns/dlv Configuration Pulser Level + 4500 V Data Link Comments: 111 WABER



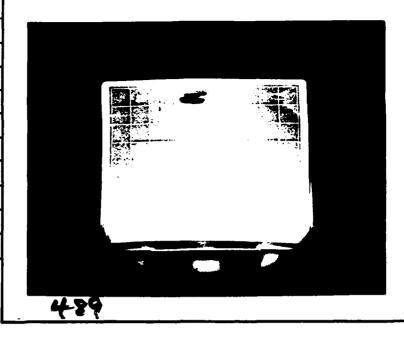
HOT TO NEUTRAL (COMMON)
SCOPE DID NOT TRIGGER



Date		
Test Point		
Amplification	48	
Attenuation	dS	
Horizontal	ne/dlv	1
Vertical	mV/div	1
Horizontal	ns/dlv	2
Vertical	ns/div	2
Configuration		
Pulser Level		
Data Link		
Comments:		



Date 5-3	1-85
Test Point //2-	AL-1/10-P
Amplification	48
Attenuation	20 dB
Horizontal	50 ne/dlv 1
Vertical N (1200	OV) my/div 1
Horizontal	ns/div 2
Vertical	ne/dly 2
Configuration	
Pulser Level + 1	1500 V
Data Link	
Comments:	489
ARCHER	- 10



DEVICE ARCING COMMON TO GND.

Date	5-21-5	<u> </u>
Test Point	1.21. 11-1	1 1
Amphilicat		48
Attenuation	26	48
Horizontal	\$ 30 no	/div 1
Vertical /	IV NEWOW	/div 1
Horizontal		/dlv 2
Vertical	ne	/dlv 2
Configurat	ion	
Pulser Lev	101 - 45 301	\mathcal{T}^{-}
Data Link	``	
Commente	B:	

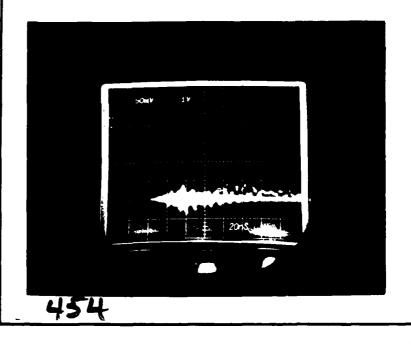


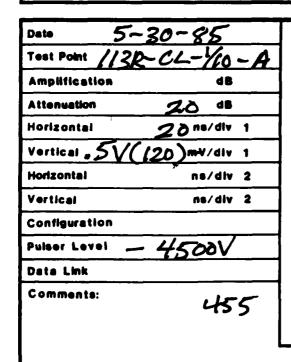
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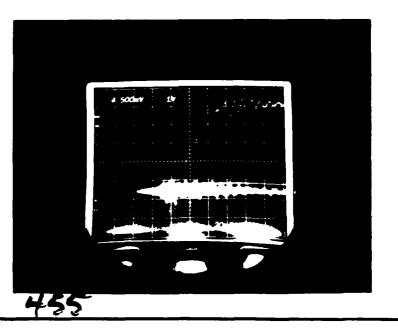


Date 5-3	30-85
Date 5-3 Test Point 1/3-	CL-1/10 - A
Amplification	d 8
Attenuation	20 ds
Horizontal	20 ne/div 1
Vertical_05V(12	→ W/div 1
Horizontal	ns/div 2
Vertical	ns/dly 2
Configuration	
Pulser Level	4500 V
Data Link	
Comments:	454

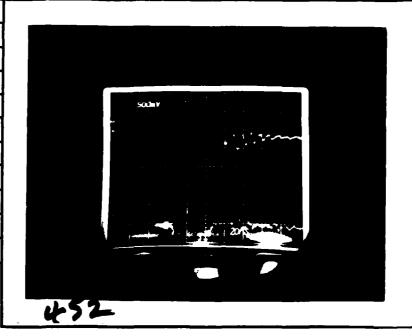




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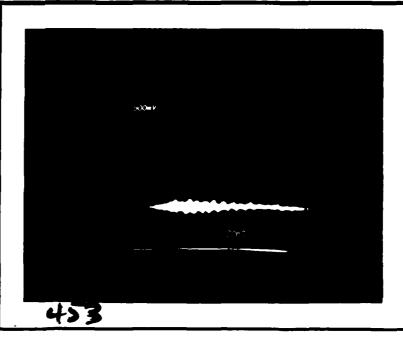


Date 5-	30-85
Test Point //3-	-CL-110-A
Amplification	dB
Attenuation	20 dB
Horizontal	20 ne/div 1
Vertical .5V(12	20) mV/dlv 1
Horizontal	ne/div 2
Vertical	ns/div 2
Configuration	
Pulser Level	4500V
Data Link	
Comments:	4157

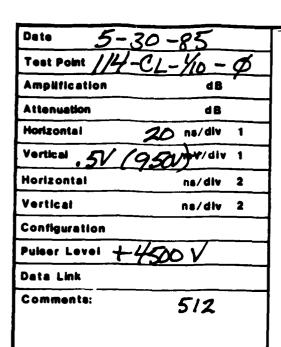


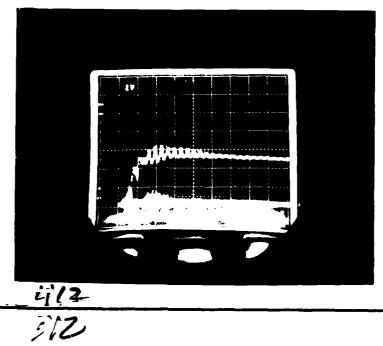


83		<u> </u>
7,5	Date 5-3	30-85
	Test Point 113-	30-85 CL-110-A
The state of the	Amplification	dB
S CON	Attenuation	20 48
St.	Horizontal	20 ne/div 1
TOTAL STATES STATES STATES STATES STATES	Vertical .5V(12	O) mV/div 1
	Horizontai	ne/div 2
<u> </u>	Vertical	ns/div 2
50	Configuration	
₹.		1500V
	Data Link	
191 2	Comments:	452
3		
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X		
E	<u> </u>	
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N.	Date 5-2	1.05
	1000	0 ~85
	Test Point //Z-	0-85 CL-1/0-A
2020	Test Point //3-	CL-/10-A
75555	Amplification	CL-1/10-A
75555	Amplification	CL-1/10-A
75555	Amplification	20 48
75555	Amplification Attenuation Horizontal	20 d8 120)ne/div 1
75555	Amplification Attenuation Horizontal	20 dB 20 dB /20)ne/dlv 1 mV/dlv 1
75555	Test Point //3- Amplification Attenuation Horizontal ,5V(Vertical Horizontal	20 dB 20 dB /20)ne/div 1 mV/div 1 ns/div 2
75555	Amplification Attenuation Horizontal Vertical Horizontal Configuration	CL-/10-fi dB 20 dB /20)ne/dlv 1 mV/dlv 1 ns/dlv 2 ns/dlv 2
75555	Amplification Attenuation Horizontal Vertical Horizontal Configuration	20 dB 20 dB /20)ne/div 1 mV/div 1 ns/div 2
75555	Test Point //3- Amplification Attenuation Horizontal 5VC Vertical Horizontal Vertical Configuration Pulser Level	CL-/10-A dB 20 dB /20)ne/dlv 1 mV/dlv 1 ns/dlv 2 ns/dlv 2
75555	Test Point Amplification Attenuation Horizontal Vertical Vertical Configuration Pulser Level Data Link	CL-/10-fi dB 20 dB /20)ne/dlv 1 mV/dlv 1 ns/dlv 2 ns/dlv 2
75555	Test Point Amplification Attenuation Horizontal Vertical Vertical Configuration Pulser Level Data Link	CL-/10-A dB 20 dB /20)ne/dlv 1 mV/dlv 1 ns/dlv 2 ns/dlv 2
75555	Test Point Amplification Attenuation Horizontal Vertical Vertical Configuration Pulser Level Data Link	CL-/10-A dB 20 dB /20)ne/dlv 1 mV/dlv 1 ns/dlv 2 ns/dlv 2
75555	Test Point Amplification Attenuation Horizontal Vertical Vertical Configuration Pulser Level Data Link	CL-/10-A dB 20 dB /20)ne/dlv 1 mV/dlv 1 ns/dlv 2 ns/dlv 2
75555	Test Point Amplification Attenuation Horizontal Vertical Vertical Configuration Pulser Level Data Link	CL-/10-A dB 20 dB /20)ne/dlv 1 mV/dlv 1 ns/dlv 2 ns/dlv 2
75555	Test Point Amplification Attenuation Horizontal Vertical Vertical Configuration Pulser Level Data Link	CL-/10-A dB 20 dB /20)ne/dlv 1 mV/dlv 1 ns/dlv 2 ns/dlv 2
75555	Test Point Amplification Attenuation Horizontal Vertical Vertical Configuration Pulser Level Data Link	CL-/10-A dB 20 dB /20)ne/dlv 1 mV/dlv 1 ns/dlv 2 ns/dlv 2
	Test Point Amplification Attenuation Horizontal Vertical Vertical Configuration Pulser Level Data Link	CL-/10-A dB 20 dB /20)ne/dlv 1 mV/dlv 1 ns/dlv 2 ns/dlv 2
75555	Test Point Amplification Attenuation Horizontal Vertical Vertical Configuration Pulser Level Data Link	CL-/10-A dB 20 dB /20)ne/dlv 1 mV/dlv 1 ns/dlv 2 ns/dlv 2
XXXXX	Amplification Attenuation Horizontal Vertical Horizontal Vertical Configuration Pulser Level Data Link Comments:	CL-/10-ft dB 20 dB 120)ne/dlv 1 mV/dlv 1 ne/dlv 2 ne/dlv 2 453

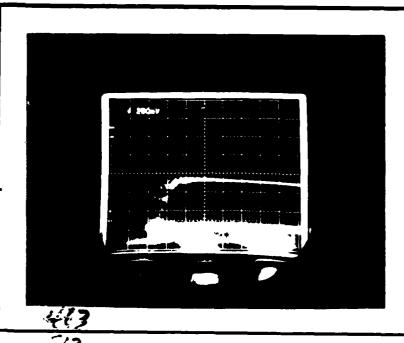








5-30-85 Date Test Point //4/2-CL-1/10-6 Amplification Attenuation 20 dB Horizontal 20 ne/dly 1 Vertical . 2V (380) W/div 1 Horizontal ns/div 2 Vertical ne/div 2 Configuration Pulser Level Data Link Comments: REF@ 1V (1900V)



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